



**Waterproofing**  
Built To Last

**ADVANCED GERMAN  
CHEMICAL TECHNOLOGY**

[www.sctwaterproofchemicals.in](http://www.sctwaterproofchemicals.in)



# Product Brochure

**Trusted Provider of**  
**German Waterproofing Products**



**Waterproofing**

**B u i l t T o L a s t**

**Advanced German Chemical Technology**

**[www.sctwaterproofchemicals.in](http://www.sctwaterproofchemicals.in)**



# PRODUCTS

1. **CONCRETE MASTER PLUS** 99  
ADMIXTURE FOR WATERPROOFING
2. **OXICRETE FLEXILE 33** 100  
ROOF WATERPROOFING SYSTEM  
POLYMER MODIFIED CEMENTITIOUS FLEXILE MEMBRANE
3. **OXICRETE 35** 101  
WATERPROOFING SYSTEM  
ACRYLIC POLYMER
4. **OXICRETE 40** 102  
WATERPROOFING SYSTEM  
ACRYLIC POLYMER
5. **OXICRETE 50** 103  
WATERPROOFING SYSTEM  
ACRYLIC POLYMER
6. **HI-LATEX 45** 104  
SBR LATEX ADMIXTURE
7. **OXICRETE URL 40** 105  
SBR LATEX FOR WATERPROOFING & REPAIRS
8. **CONCRETE MASTER** 106  
ADVANCED WATERPROOFING TECHNOLOGY  
FOR CONCRETE & COLD JOINTS
9. **RAPID FLEX** 107  
HIGH QUALITY POLYMER MODIFIED  
CEMENTITIOUS FLEXIBLE MEMBRANE
10. **S.C.T. LUXURIATE-DIAMOND ++** 108  
HEAVY DUTY LIQUID ELASTOMERIC WATERPROOF MEMBRANE
11. **S.C.T. LUXURIATE-DIAMOND** 109  
LIQUID WATERPROOF/HEATPROOF MEMBRANE
12. **SCT LUXURIATE SILVER** LEWM110  
LIQUID ELASTOMERIC WATERPROOF MEMBRANE
13. **FLEXILE MEMBRANE GOLD** LEWM111  
HIGH QUALITY LIQUID ELASTOMERIC WATERPROOF MEMBRANE
14. **FLEXILE MEMBRANE BLACK** LEWBM 112  
LIQUID ELASTOMERIC WATERPROOF BLACK MEMBRANE
15. **FLEXILE MEMBRANE PU 1K** LEWBM113  
HIGHLY ELASTOMERIC WATERPROOF BLUE LIQUID MEMBRANE
16. **S.C.T. RAIN PROOF** LEWM114  
FOR EXTERIOR/INTERIOR WALL COATING CUM PAINT  
LIQUID ELASTOMERIC WATERPROOF MEMBRANE







# CONCRETE MASTER PLUS

**Cold Joints, No More - We Seal, You Build**  
**Advance German Chemical Technology**

## DESCRIPTION

CONCRETE MASTER Plus is an advanced additive specially formulated liquid integral waterproofing compound mixed with plasticizer and waterproof additives. It serves as a versatile additive for cement concrete, cement sand mortar, for brick work, plaster, screed. improve the durability of structure and water penetration. Enhancing its cohesiveness and preventing segregation.

## ADVANTAGES

**Corrosion Resistant:** Enhances concrete cohesiveness, offering better protection against steel corrosion.

**Compatibility:** Being a liquid, it disperses easily and is compatible with concrete and mortar mixes.

**Permeability:** Reduces the permeability of water into concrete.

**Strength:** Setting time and compressive strength of the concrete remain within specification limits.

**Shrinkage:** Mitigates shrinkage crack development in plaster and concrete.

**Workability:** Improves the workability of freshly mixed cement concrete, and cold joints automatically bond and seal.

**Durability:** Increases durability by improving the waterproofing of concrete, creating a seamless finish.

## AREAS OF APPLICATION

CONCRETE MASTER Plus offers versatile solutions for a wide range of applications, ensuring the integrity and durability of your construction projects. Our innovative formula is ideal for waterproofing concrete, safeguarding basements, reinforcing roofs, slabs, and screeds, protecting water tanks and water retaining structures, enhancing swimming pools, fortifying podiums, and ensuring the reliability of sumps and drains. Wherever you need a strong and enduring bond, CONCRETE MASTER delivers.

## APPLICATION

Concrete master Plus added as per the recommended dosage into mixing/gauging water, then add to concrete mixer for 2-3 minutes.

## Dosage:

200 ML per 50 kg bag of cement.

## PRODUCT DATA

**Appearance:** whiteish yellow Milky liquid

**Specific Gravity @ 25°C:** 1.05 - 1.17

**pH Value:** 7.5 - 8

**Setting Time, Minutes:** 30 - 600 min

**Chloride Content:** Nil

**Water Resistant:** Excellent

**Compressive strenght:** Passes

# CONCRETE MASTER PLUS

Cold Joints, No More - We Seal, You Build

Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not add CONCRETE MASTER Plus to the dry cement and aggregate mix.  
Maintain the water-cement ratio as low as possible.  
Do not exceed the recommended dosage of CONCRETE MASTER Plus.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# OXICRETE-FLEXILE

High-Performance Polymer Modified Cementitious Flexible Membrane  
Advance German Chemical Technology

## DESCRIPTION

Oxcrete Flexile is an innovative acrylic co-polymer modified flexible waterproof coating with cement, utilizing advanced German chemical technology. This cutting-edge solution offers superior protection and durability, making it the ideal choice for a wide range of applications.

## ADVANTAGES

**Flexible Coating:** Oxcrete Flexile provides unmatched flexibility, ensuring long-lasting performance even in challenging conditions.

**Crack Bridging:** Up to 1 mm: Say goodbye to worries about cracks and leaks with Oxcrete Flexile's remarkable crack-bridging capabilities.

**Eco-Friendly:** Oxcrete Flexile is environmentally responsible, providing an eco-friendly solution for waterproofing needs.

**UV Resistant:** With UV resistance built-in, our coating can withstand prolonged exposure to sunlight without degradation.

**Excellent Bonding:** Achieve a strong and reliable bond with various surfaces, including concrete, plaster, masonry, stone, and more.

## AREAS OF APPLICATION

Oxcrete Flexile is a versatile solution suitable for a wide range of applications, including terraces, concrete roofs, water tanks, basements, lift pits, R.C.C. foundations, baths, toilets, sunken areas, balconies, planters, terrace gardens, podiums, masonry, asbestos cement sheets, cement concrete surfaces, water-retaining structures, pits, basins, and sumps. Its adaptability makes it the ideal choice for various construction and waterproofing needs.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Ensure an optimal surface by cleaning, chiseling, washing with alum, and removing contaminants. Repair hollow areas with Hi-Latex 40 polymer-modified mortar and address surface cracks.

## APPLICATION:

Apply the initial coat with a brush and allow it to dry for 2 to 4 hours.

Add longevity and strength by incorporating fibermesh or fiber cloth into the first coat to prevent cracks and create a seamless surface. Ensure the fibermesh or fiber cloth overlaps, minimizing structural cracks.

Apply a second coat in a perpendicular direction (X-Y) to the first coat.

Strengthen the coating further by incorporating fibermesh or fiber cloth between the second and third coats.

Apply a third coat in a perpendicular direction (X-Y) to the first two for exceptional durability and crack resistance.

After completing the application, allow it to air cure for 2 days.

Optionally, safeguard the coating with a screed or leave it unscreened.

For extended durability, consider applying 3 to 4 coats, emphasizing fibermesh, to ensure maximum protection and performance, even in direct sunlight exposure.

## Mix Ratio & Coverage Information:

**Mix Ratio:** 1:1.5 (Chemical:Cement)

**Coverage:** 33-37.5 SQ. FT. / KG approximately with fiber mesh. (For a thickness of 1mm-1.2mm, Apply a minimum of 2 coats for durability, with 3 coats recommended for long-term protection).

**Mix Ratio:** 1:2 (Chemical:Cement)

**Coverage:** 30-35 SQ. FT. /KG approximately with fiber mesh. (For a thickness of 1mm, 2 coats are recommended., Apply a minimum of 2 coats for durability, with 3 coats recommended for long-term protection).

# OXICRETE FLEXILE

## High-Performance Polymer Modified Cementitious Flexible Membrane Advance German Chemical Technology

### PRODUCT DATA

**Chemical Nature:** Acrylic Polymer

**Flexible Solid Content:** 33%±2%

**Specific Gravity:** 1.04 ± 0.02

**Density of Mix:** 1.70 - 1.80 kg/Ltr.

**pH Value:** 7.2 to 7.6

**Pot Life:** 30 min. at 27°C

**Colour:** Milky White

**Crack Bridging:** 1 mm

**Ambient Air Substrate Temperature:** +10°C min.  
+40°C max.

### PACKING

10 KG, 20 Kg.

### STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

### SHELF LIFE

18 months

### DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

### GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.

### HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

### PRECAUTIONS & LIMITATIONS

Do not dilute the product, avoid curing through flooding, and allow for a final cure time of 3 days. Before applying Oxicrete Flexile, mix the product well, creating a lump-free mixture by adding the powder to the liquid while stirring with a slow-speed mixer (500-600 rpm) for 3 to 4 minutes.

Pre-wet surface before application.

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.

Ensure application on properly prepared surfaces.

Adhere to recommended maximum layer thickness.

Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.

Safeguard newly applied material from rain and adverse weather conditions.





# OXICRETE 35

## High-Performance Polymer-Modified Cementitious Coating Advance German Chemical Technology

### DESCRIPTION

Oxcrete 35 is an innovative acrylic-based polymer-modified cementitious coating, powered by advanced German chemical technology. This exceptional solution is designed to provide a high-performance waterproofing system for various applications.

### ADVANTAGES

**Tough, Hard-Wearing Surface:** Oxcrete 35 creates a robust and durable surface upon application.

**Excellent Bonding:** It exhibits outstanding bonding properties with most substrates.

**Salt, Water, and Carbonation Protection:** This coating effectively protects against salt penetration, water, and carbonation, enhancing the longevity of the structure.

**Durable in Wet Conditions:** Oxcrete 35 demonstrates high durability even in continuous wet conditions.

**Versatile Application:** It can be applied to both horizontal and vertical surfaces in a uniform thickness, making it a versatile choice for a range of projects.

**Vapor Permeable:** Ensures the surface remains breathable while providing waterproofing.

**UV Resistant:** With UV resistance and crack-bridging properties, it can withstand the test of time.

**Potable Water Compatibility:** Suitable for contact with potable water, ensuring safety and compliance.

**Chemical Resistance:** Resistant to mild acids, chemical range, and alkalis.

**Eco-Friendly:** Oxcrete 35 is an eco-friendly solution, contributing to sustainability.

### AREAS OF APPLICATION

Oxcrete 35 serves as a versatile solution suitable for an extensive range of applications. From roof and terrace waterproofing to slabs, balconies, and basements, it offers reliability across various construction projects.

It is equally effective in water tanks, sunken areas, sunshades, toilets, and swimming pools.

Oxcrete 35's adaptability extends to water towers and other wet areas. Moreover, it is a trusted choice for the repair and renovation of walls and the production of polymer-modified repair mortar, bonding slurry, screed, and durable cement paints.

This comprehensive versatility ensures Oxcrete 35 is a dependable and multifunctional solution for a wide array of construction and waterproofing requirements.

### METHOD OF APPLICATION

#### SURFACE PREPARATION

Surface preparation is critical for optimal results. The surface should be cleaned and prepared by mechanical means such as grinding and wire brushing. Ensure the surface is free from dust, oil, loose or unsound material, old coatings, or any deposits that could affect bonding. Avoid sharp projections. Pre-wet the surface at least one hour before applying Oxcrete 35. The surface should be damp but free of standing water. Minor depressions can be filled and leveled with a mortar mixture of 1:1:3(chemical: cement: fine sand)

**Mixing Ratio:** 1:2(chemical: cement)

### PRODUCT DATA

**Chemical Base:** Acrylic Polymer & Additives

**Solid Content:** 35% + 3%

**Appearance/Color:** Milky White

**Liquid Density:** 1.020

**pH Value:** 7.4 - 7.7

### Coverage

The consumption of Oxcrete 35 in a 1 kg mix covers approximately 2 sq. mt. in 2 coats.

It is recommended to use fiber mesh or fiber cloth for reinforcement between the first and second coats. For the best results, apply 2 or 3 coats.

In case of high temperatures, after 6 hours of drying the top coat, moist curing should be done by sprinkling potable water lightly for the first 24 hours.

Protect the coating from rain, abrasion, and traffic.

For greater durability, a protection screed is recommended to cover the coating.

### Drying Times and Temperature Range:

**Initial Air Dry Time:** 2 to 6 hours

**Final Dry Time:** 72 hours

**Ambient Air Temperature:** +10°C min. to +40°C max.

# OXICRETE 35

## High-Performance Polymer-Modified Cementitious Coating Advance German Chemical Technology

### HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

### PACKING

10 KG, 20 Kg.

### STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

### SHELF LIFE

18 months

### PRECAUTIONS & LIMITATIONS

Do not dilute the product, avoid curing through flooding, and allow for a final cure time of 3 days.  
Before applying Oxicrete 35, mix the product well, creating a lump-free mixture by adding the powder to the liquid while stirring with a slow-speed mixer (500-600 rpm) for 3 to 4 minutes.  
Pre-wet surface before application.  
Do not apply on fresh concrete/plaster. Apply after 15 days of curing.  
Ensure application on properly prepared surfaces.  
Adhere to recommended maximum layer thickness.  
Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.  
Safeguard newly applied material from rain and adverse weather conditions.

### DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

### GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# OXICRETE 40

## High-Quality Polymer-Modified Cementitious Coating Advance German Chemical Technology

### DESCRIPTION

Oxcrete 40 is a premium acrylic-based polymer liquid additive-modified cementitious coating designed to excel in waterproofing. This superior solution, backed by advanced German chemical technology, provides dependable protection for a wide range of applications.

### ADVANTAGES

**Heavy-Duty Chemical Coating:** Oxcrete 40 serves as a robust chemical coating, ensuring long-term durability and protection against harsh conditions, including heavy monsoon rains and corrosion.

**Versatile Application:** It can be applied using a brush, roller, or spray, adapting to your preferred method and surface.

**Excellent Adhesion:** This coating exhibits excellent adhesion to all types of building materials, enhancing its versatility.

**Eco-Friendly and Non-Toxic:** Oxcrete 40 is eco-friendly, non-toxic, UV-resistant, and features crack-bridging properties. It is also suitable for contact with potable water and offers resistance to mild acids, chemicals, and alkalies.

### AREAS OF APPLICATION

Oxcrete 40 is a versatile solution suitable for a diverse range of applications. From roofs and terraces to toilets, sunken areas, brick cobas, and screed, it ensures reliable waterproofing. Additionally, it is an excellent choice for swimming pools, water tanks, bridge decks, and more. Its adaptability makes it a dependable solution for a wide array of construction and waterproofing requirements.

### METHOD OF APPLICATION

#### SURFACE PREPARATION

Proper surface preparation is essential for optimum results. The surface must be thoroughly cleaned, removing dust, oil, loose material, old coatings, and any deposits that might affect adhesion. Pre-wet the surface at least one hour before applying Oxcrete 40 coating to ensure a damp, but not wet surface.

### APPLICATION:

**Mixing Ratio:** Combine 1 part of Oxcrete 40 with 2 parts of Grey/White cement.

**Coverage:** 1 kg of Oxcrete 40 mix will cover approximately 30-35 sq. ft. area with fiber mesh in two coats, depending on the surface's porosity. Apply the mix by brush on the surface. For enhanced reinforcement and better results, consider using fiber mesh between the first and second coats.

It is recommended to apply 2 or 3 coats. In high-temperature conditions, moist curing is necessary by sprinkling potable water lightly for the first 24 hours after the top coat has dried. Protect the coating from rain, abrasion, and traffic. For greater durability, consider a protective screed to cover the coating.

**Traffic:** Only light foot movement is allowed. Do not apply during rains or on fresh concrete or plaster. Wait for at least 15 days of curing before application.

### PRODUCT DATA

**Chemical Base:** Acrylic Polymer & Additives

**Color:** Milky White

**Solid Content:** 40% + 2%

**Appearance/Color:** Milky White

**Liquid Density:** 1.03 g/cm<sup>3</sup>

**pH Value:** 7.4 - 7.7

**Viscous Liquid**

**Initial Air Dry Time:** 2 to 6 Hours

**Final Dry Time:** 72 Hours

**Ambient Air Temperature:** +10°C min. - +40°C max.

# OXICRETE 40

High-Quality Polymer-Modified Cementitious Coating  
Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## PRECAUTIONS & LIMITATIONS

Do not dilute the product, avoid curing through flooding, and allow for a final cure time of 3 days.  
Before applying Oxicrete 40, mix the product well, creating a lump-free mixture by adding the powder to the liquid while stirring with a slow-speed mixer (500-600 rpm) for 3 to 4 minutes.  
Pre-wet surface before application.  
Do not apply on fresh concrete/plaster. Apply after 15 days of curing.  
Ensure application on properly prepared surfaces.  
Adhere to recommended maximum layer thickness.  
Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.  
Safeguard newly applied material from rain and adverse weather conditions.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# OXICRETE 50

## Pure Acrylic Polymer Liquid Modified Cementitious Coating Advance German Chemical Technology

### DESCRIPTION

Oxcrete 50 is a state-of-the-art pure acrylic polymer liquid modified cementitious coating, developed with advanced German chemical technology. This high-performance solution serves as a formidable waterproofing system for various applications.

### ADVANTAGES

**Heavy-Duty Chemical Coating:** Oxcrete 50 offers exceptional durability, protecting concrete against corrosion, heavy monsoon rains, and exposure to salty water and excellent UV resistance.

**Versatile Application:** It can be easily applied by brush, roller, or spray, providing flexibility for different surfaces.

**Outstanding Adhesion:** This coating demonstrates excellent adhesion with all types of building materials, ensuring reliability in various applications.

**Eco-Friendly and Non-Toxic:** Oxcrete 50 is environmentally friendly, non-toxic, and comprises 50% active ingredients, ensuring both safety and sustainability.

### AREAS OF APPLICATION

Oxcrete 50 is a versatile solution that finds its perfect application across a diverse range of construction projects. From safeguarding roofs, terraces, and toilets to enhancing sunken areas, brick cobas, and screed, it serves as a reliable choice. Whether you need to protect swimming pools, water tanks, or bridge decks, Oxcrete 50 ensures exceptional performance. Its adaptability makes it a valuable asset for a wide spectrum of construction and waterproofing requirements.

### METHOD OF APPLICATION

#### SURFACE PREPARATION

Proper surface preparation is crucial for optimal results. Ensure thorough cleaning, free from dust, oil, loose or unsound material, old coatings, and any deposits that could affect bonding. Pre-wet the surface at least one hour before applying Oxcrete 50, ensuring a damp but not wet surface.

### APPLICATION:

**Mixing Ratio:** Combine Oxcrete 50 in 1:1:3 (chemical: water:cement). Fiber mesh/cloth can be added for enhanced, long-term durability. It is recommended to apply 2 coats or 3 coats for the best results.

**Coverage:** 1 kg of Oxcrete 50 mix will cover approximately 3 sq. mt. in two coats, dependent on surface porosity. Apply the mix by brush on the surface, with fiber mesh or fiber cloth used for reinforcement and better results between the first and second coats.

**Mixing Ratio:** Combine Oxcrete 50 in 1:2 (chemical: cement). Fiber mesh/cloth can be added for enhanced, long-term durability. It is recommended to apply 2 or 3 coats for very high durability.

**Coverage:** : 1 kg of Oxcrete 50 mix will cover approximately 30-35 sq. ft. in one coat, dependent on surface porosity. Apply the mix by brush on the surface, with fiber mesh or fiber cloth used for reinforcement and better results between the first and second coats.

In high-temperature conditions, before application of the top coat, moist curing should be performed by lightly sprinkling potable water. Ensure protection from rain, abrasion, and traffic. A protective screed is recommended for added durability.

**Traffic:** Only light foot movement is allowed. Avoid application during rains or on fresh concrete or plaster. Apply only after 15 days of curing.

### PRODUCT DATA

**Chemical Base:** Acrylic Polymer & Additives

**Color:** Milky White

**Solid Content:** 50% + 2%

**Appearance/Color:** Milky White

**Liquid Density:** 1.04 g/cm<sup>3</sup>

**pH Value:** 7.5 - 7.8

**Viscosity:** At 23°C, 50-500 cps Brook Field, RVTDV sp3 100 rpm

**Initial Air Dry Time:** 2 to 6 Hours

**Final Dry Time:** 72 Hours

**Ambient Air Temperature:** +10°C min. - +40°C max.

# OXICRETE-50

Pure Acrylic Polymer Liquid Modified Cementitious Coating  
Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.  
Apply in shaded areas, avoiding direct sunlight and strong wind exposure.  
Ensure application on properly prepared surfaces.  
Adhere to recommended maximum layer thickness.  
Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.  
Safeguard newly applied material from rain and adverse weather conditions.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# HI-LATEX 45

Multi-Purpose Mortar & Screed Modifying & Bonding Agent for Repairs, Waterproofing

Advance German Chemical Technology

## DESCRIPTION

HI-LATEX 45 is a styrene butadiene rubber emulsion specially crafted to serve as a bonding agent for cementitious systems. This milky liquid boasts versatility, making it ideal for various applications, including adding to cement slurry, concrete, mortar, cementitious grouts, floor topping bonding, repairing large cracks, damaged concrete, floor screeds, columns, beams, chhajjas, and waterproof plaster. It offers outstanding adhesion, waterproofing capabilities, and is soluble in water.

## ADVANTAGES

**Multi-Purpose Waterproofing and Repairs:** HI-LATEX 45 excels as an admixture for brick koba and is perfect for waterproofing terraces, roofs, bathrooms, sunken areas, water tanks, and swimming pools. It's also highly effective for repairs and plaster work, brick masonry, and functions as a reliable bonding agent.

**Polymer Mortar for Repairs:** This product provides abrasion resistance and serves as a valuable admixture for injection grouting. It is a versatile polymer suitable for various applications, including large crack filling work.

**Improved Elasticity and Flexibility:** HI-LATEX 45 enhances the tensile strength of cement hardener and reduces cracks in mortar concrete. It can be diluted with water for added convenience.

**Watertight Masonry Jointing and Plastering:** It ensures impermeability to chlorides and other harmful chemicals, making it a dependable choice for masonry jointing and plastering.

## APPLICATION

**For Waterproof Plaster Mix:-** 1 part HI-LATEX 45 : 4 parts Water : 10 parts Cement : 40 parts Sand

**Masonry Brickwork Jointing Mix:** 1 part HI-LATEX 45: 4 parts Water : 10 parts Cement : 60 parts Sand

**Polymer Modified Repairing Mortar Mix:** Ratio of 1 HI-LATEX 45: 3 Water : 10 Cement : 30 Sand. This is an excellent repair mortar for wall surface plastering.

**Normal Plaster, Brick Masonry, Brick Koba:** Add 200 ml HI-LATEX 45 per bag of cement.

**Crack Filling Paste:** Mix 1 kg HI-LATEX 45 with 10 kg white cement for filling up to 5mm cracks in internal walls. For external walls, apply a bond coat in a 1:1 ratio of HI-LATEX and cement on V-shaped cracks, then fill with polymer-modified repair mortar. Drying time is 4-6 hours.

**Bonding Agent:** Mix 1 part HI-LATEX 45 : 1 part Water : 4 parts Cement. Apply at a rate of 0.5 kg/m<sup>2</sup> per coat.

**Repair Concrete & Screed Mix:** Combine 1 part HI-LATEX : 4 parts Water : 1 part Cement : 1.5 parts Sand : 3 parts Gitti (aggregate).

**Priming:** Clean reinforcing steel with rust remover, dampen concrete surfaces, and prime with a slurry coat of 1 part HI-LATEX 45 : 1 part Water : 3 parts Cement. Mix well before use.

**Injection Grouting:** Use a mix of 1 part HI-LATEX : 8 parts water per bag of cement.

**Waterproofing Mix :-** 1 Part Hi-Latex 45 : 1.5 part fresh cement

**Coverage for Waterproofing:** 22-25 SQ FT/KG for two coats. Coverage varies based on surface porosity.

**Traffic:** Only light foot movement allowed.

## PRODUCT DATA

**Chemical:** Styrene butadiene rubber emulsion (SBR)

**Color & Appearance:** White milky liquid, viscous

**Solid Content:** 45% ±2%

**Viscosity at 23°C (Brookfield):** RVT DV-1, spindle 3/100 rpm – 40 – 215m Pas

**pH:** 7.5 - 7.8

**Density:** 1.02 g/cm<sup>3</sup>

**Thinability with Water:** Freely miscible

**Minimum Film Forming Temperature:** 16°C

# HI-LATEX 45

Multi-Purpose Mortar & Screed Modifying & Bonding Agent for Repairs

Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not add HI-Latex 45 to the dry cement and aggregate mix.  
Maintain the water-cement ratio as low as possible.  
Do not exceed the recommended dosage of HI-Latex 45.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# Oxicarete URL

## SBR-LATEX FOR WATERPROOFING AND REPAIRS Advance German Chemical Technology

### DESCRIPTION

Oxicarete URL is a styrene butadiene rubber latex-based solution tailored for waterproofing and repairs. It excels in safeguarding terraces, roofs, bathrooms, water tanks, and swimming pools, while also proving effective for brickwork, screed, and waterproof plaster. This polymer mortar offers reliable bonding and crack-filling capabilities for various structures including columns, beams, chajjas, and slabs.

### ADVANTAGES

Multipurpose product serving as a hardener and shrinkage crack reducer. Excellent bonding agent, preventing corrosion and enhancing abrasion resistance. Improves adhesion and soluble in water. Enhances tensile strength of cement.

### AREAS OF APPLICATION

**Waterproofing:** Small roof terraces, sunken portions of toilets and bathroom water tanks, planters, drain channels, basements, water ponds, swimming pools, etc.

**Concrete repair:** Columns, beams, slabs, screed repairs.

**Bonding agent:** For new concrete to old concrete, brick masonry, stone work, plastering repair mortar.

### METHOD OF APPLICATION

#### SURFACE PREPARATION

Clean and wash surfaces using alum. Remove all dust, dirt, oil, grease, loose and unsound materials. Repair cracks using Oxicarete URL modified mortar.

### APPLICATION

#### Priming:

Apply Oxicarete URL (1 part chemical - 1 part water - 3 parts fresh cement) at SSD condition using a brush. Stir contents well before use.

### WATERPROOFING MIX RATIO:

Oxicarete URL: fresh cement  
1:1.5

**Coverage for Waterproofing:** 22-25 SQ FT/KG for two coats. Coverage varies based on surface porosity.  
**Traffic:** Only light foot movement allowed.

### BONDING COAT MIX RATIO:

Oxicarete URL : Water : Cement  
1 : 1 : 4  
Coverage: 45 to 50 SQFT per kg./coat.

### POLYMER MODIFIED REPAIR MORTAR:

Oxicarete URL : Water : Cement : Sand  
1 : 3 : 10 : 30

### REPAIR CONCRETE & SCREED:

Oxicarete URL : Water : Cement : Sand : Aggregate  
1 : 4 : 1 : 1.5 : 3

### PRODUCT DATA

**Chemical:** Styrene butadiene rubber latex (SBR)

**Colour:** Milky white

**Solid Content:** 40% ±2%

**Specific Gravity:** 1.01

**Dry Time:** 1 hour at 25°C approximate.

**Curing Time:** 48 hours at 35°C approximate.

**Chemical Resistant:** Good

**pH Value:** 7.7

**Resistance to Water Pressure:** Up to 2 bar

# Oxicrete URL

SBR-LATEX FOR WATERPROOFING AND REPAIRS

Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.  
Apply in shaded areas, avoiding direct sunlight and strong wind exposure.  
Ensure application on properly prepared surfaces.  
Adhere to recommended maximum layer thickness.  
Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.  
Safeguard newly applied material from rain and adverse weather conditions.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# CONCRETE MASTER

**Cold Joints, No More - We Seal, You Build**  
**Advance German Chemical Technology**

## DESCRIPTION

CONCRETE MASTER is a specially formulated liquid waterproofing compound that combines surface-active plasticizing agents and additives. It serves as a versatile additive for cement concrete, enhancing its cohesiveness and preventing segregation. This powerful compound ensures the creation of watertight structures and automatically bonds and seals cold joints.

## ADVANTAGES

**Corrosion Resistant:** Enhances concrete cohesiveness, offering better protection against steel corrosion.

**Compatibility:** Being a liquid, it disperses easily and is compatible with concrete and mortar mixes.

**Permeability:** Reduces the permeability of water into concrete.

**Strength:** Setting time and compressive strength of the concrete remain within specification limits.

**Shrinkage:** Mitigates shrinkage crack development in plaster and concrete.

**Workability:** Improves the workability of freshly mixed cement concrete, and cold joints automatically bond and seal.

**Durability:** Increases durability by improving the waterproofing of concrete, creating a seamless finish.

## AREAS OF APPLICATION

CONCRETE MASTER offers versatile solutions for a wide range of applications, ensuring the integrity and durability of your construction projects. Our innovative formula is ideal for waterproofing concrete structures, safeguarding basements & underground structures, tunnels, reinforcing roofs, slabs, and screeds, protecting water tanks and water retaining structures, enhancing swimming pools, fortifying podiums, and ensuring the reliability of sumps and drains. Wherever you need a strong and enduring bond, CONCRETE MASTER delivers.

## APPLICATION

Add cement and aggregates to the concrete mixer as per the mix design and mix in the dry state for 1-2 minutes.

Start adding 75% - 80% of the mixing water and mix for 2-3 minutes.

Add CONCRETE MASTER as per the recommended dosage into the remaining mixing/gauging water, then add it to the concrete mixer and mix for an additional 2 minutes.

Place the concrete or apply plaster as needed.

Cure the applied mortar or concrete as per good construction practices.

## Dosage:

100 ML to 400 ML per 50 kg bag of cement.

Bonding Slurry Mix: 1 chemical: 3 water: 6 cement

## PRODUCT DATA

**Appearance:** whiteish yellow Milky liquid

**Specific Gravity @ 25°C:** 1.05 - 1.070

**pH Value:** 7.4 - 7.8

**Setting Time, Minutes:** 30 - 600 min

**Chloride Content:** Nil

**Water Resistant:** Highly

# CONCRETE MASTER

Cold Joints, No More - We Seal, You Build

Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not add CONCRETE MASTER to the dry cement and aggregate mix.  
Maintain the water-cement ratio as low as possible.  
Do not exceed the recommended dosage of CONCRETE MASTER.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# RAPID FLEX

High quality Polymer modified cementitious flexible membrane  
Advance German Chemical Technology

## DESCRIPTION

Experience cutting-edge waterproofing with Rapid Flex, an advanced German-engineered polymer-modified cementitious flexible membrane. Rapid-Flex, based on acrylic polymer technology, boasts excellent bonding, robust waterproofing, and resistance to hydrostatic water pressure. Its high flexibility makes it the ideal seamless membrane for vast areas.

## ADVANTAGES

- Good crack bridging & flexibility.
- Applicable on damp surfaces.
- Quick remedy for moisture issues.
- Excellent bonding to various surfaces.
- High flexibility for thermal movement.
- Good impermeability against water ingress.
- Highly water-resistant, preventing carbonation.
- Rapid drying with fast application.
- Seamless film coating for exposed and concealed waterproofing.
- Non-toxic and eco-friendly.
- Applicable by brush, roller, and spray.
- UV resistant.
- Suitable for potable water in water tanks.

## AREAS OF APPLICATION

Ideal for terraces, concrete roofs, water tanks, basements lift pits, R.C.C. foundations, balconies, chhajjas, planters, terrace gardens, podiums, masonry, asbestos cement sheets, cement concrete surfaces, water-retaining structures, pits, basins, sumps, screed, brick coba, tiles, marble, crazy and china mosaic.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Ensure a pristine surface by cleaning, chiseling, washing with alum, and removing all contaminants, including paint, dust, dirt, oil, grease, and unsound material deposits. Repair hollow areas with polymer-modified mortar and address surface cracks before applying Oxcrete URL (SBR Latex). The surface must be in SSD (Saturated Surface Dry) condition.

## Mixing:

Combine in a clean container, slowly adding the cement into the liquid part and stirring with a slow-speed mixer (500-600 rpm) for 3 to 4 minutes until free from lumps.

## Mixing Ratio:

1 Part liquid polymer : 1.5 Parts cement. white/grey  
2 to 3 coats are recommended.

Coverage- 1 KG mix- 35 SQ FT- 40 SQ FT

1 Part liquid polymer : 2 Parts cement. white/grey  
2 to 3 coats are recommended.

Coverage- 1 KG mix- 25 SQ FT- 30 SQ FT. 2 coats are required to achieve 1 mm thickness.

## Application:

Dampen the surface properly in SSD condition. Apply the first base coat and let it dry for 1 hour at 29°C. Use fibermesh/fiber cloth for reinforcement, embedding it into the wet coat with a brush. Apply the 2nd coat of Rapid-Flex by brush in an X-Y cross direction. 2 or 3 coats are recommended for long-term durability.

Curing Time:

Aircure for 3 days after application.

## Technical Data Sheet:

**Chemical Base:** Acrylic copolymer, flexible.

**Color:** Milky White Liquid

(After Application: Grey/White depends upon cement)

**Density:** 1.05

**Water Absorption:** Nil

**Permeability:** Vapour passes

**Pot Life:** 30 Min. at 27°C

**DFT Thickness:** 1 mm to 1.2 mm

**Crack Bridging:** 2 mm

**Ambient Air & Substrate Temperature:** +10°C min. / +40°C max.

**pH Value:** 7.7 to 7.8

# RAPID FLEX

High quality Polymer modified cementitious flexible membrane  
Advance German Chemical Technology

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
In case of skin contact, rinse with clean water.  
In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.  
Apply in shaded areas, avoiding direct sunlight and strong wind exposure.  
Ensure application on properly prepared surfaces.  
Adhere to recommended maximum layer thickness.  
Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.  
Safeguard newly applied material from rain and adverse weather conditions.

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# SCT Luxuriate Diamond++

HEAVY DUTY LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

## DESCRIPTION

SCT Luxuriate Diamond++ represents a premium elastomeric waterproofing and vapor-proofing membrane crafted from advanced acrylic polymers. This single-component, ready-to-use solution exhibits outstanding UV resistance and is applicable on both vertical and horizontal surfaces, including slopes. The enhanced longevity of Diamond++ surpasses its predecessor, ensuring prolonged durability for structures. With inherent anti-fungal and anti-algae properties, this membrane is adept for application in humid and damp conditions. Thanks to its elastomeric nature and superior crack-bridging capabilities.

Overall, SCT Luxuriate Diamond++ is a superior, high-performance product that enhances protective coatings. With extended longevity, it builds upon the excellence of SCT Luxuriate Diamond, providing waterproofing, vapor-proofing, UV resistance, heat reflectivity, anti-fungal, anti-algae properties, and exceptional crack-bridging capabilities against thermal movement.

## ADVANTAGES

**Ready to Use:** Single-component solution for instant application.

**Flexible Application:** Brush or roller, your choice.

**Texture application:** Apply on damp exterior/interior walls as texture.

**Stays Clean:** Resists dirt pick-up, maintaining a fresh look.

**Strong Adhesion:** Bonds excellently with various materials.

**Crack-Proof:** High flexibility to prevent cracks.

**Weather Guard:** Protects against elements and movement.

**Monsoon-Proof:** Withstands heavy rain.

**Custom Color:** Tintable shades for personalization.

**Eco-Friendly:** Non-toxic, solvent-free, and sustainable.

**Quick Dry:** Touch dry in just one hour.

**Water Resistant:** Unmatched protection against water.

**UV Resistant:** Can be applied on roofs, terraces, or open areas under direct sunlight.

## AREAS OF APPLICATION

SCT Luxuriate Diamond ++ offers top-notch protection across a wide range of areas, including exterior and interior walls, terraces, concrete roofs, swimming pools, water tanks, basements, lift pits, R.C.C. foundations, baths, toilets, sunken areas, balconies, planters, terrace gardens, podiums, masonry, asbestos cement sheets, cement concrete surfaces, water retaining structures, pits, basins, and sumps.

## METHOD OF APPLICATION

### SURFACE PREPARATION

To ensure effective application of SCT Luxuriate Diamond ++ waterproofing membrane, a series of key steps must be followed. Begin with surface preparation, involving gentle cleaning, chiseling, and a mild alum-based wash to remove paint, dust, dirt, oil, and grease. Address any damages or hollow areas using a polymer modified mortar (Oxcrete URL). For broader surface cracks, employ a cement polymer paste (1 kg Oxcrete URL to 10 kg Cement and water) to cover hairline cracks and prevent water infiltration.

### PRIMING Self-Priming Convenience

Dilute SCT Luxuriate Diamond ++ by 20% with water. Apply using a brush, roller, or spray. Stir well. Integrate fiber cloth into wet primer for optimal results.

### For 2nd and 3rd Coat

#### Application (Diamond ++)

Apply SCT Luxuriate membrane directly onto the primer using a brush or roller. Applying 2 or 3 coats at intervals of 4 hours is suggested for improved long-term results. Allow the coated surface to air cure for 7 days to achieve optimal outcomes. Initial touch dry time of 4 Hours. Sprinkle sand on the top coat while wet, then apply plaster or tiles (with adhesive only).

## COVERAGE

1Kg/10 Sq.ft./coat with Fiber cloth/mesh/fabric at 1mm Thickness. Coverage, however, is subject to the surface condition.

## NUMBER OF COATS

2 coats

## COATING THICKNESS IN 2-3 COATS

1 mm - 1.4 mm

# SCT Luxuriate Diamond++

HEAVY DUTY LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

## PRODUCT DATA

**Chemical Nature:** Acrylic Copolymer With Special Grade Fillers, additives.

**Color:** White

**pH Value:** 7.5 - 8

**Solid Content:** 80%

**Finish:** Smooth/matte

**Elongation:** 100%

**Dry Time:** 1 Hour at 25°C Approx.

**Air Curing Time:** 48 Hours Approx At 25°C

**Chemical Resistant:** Good

**Water Permeability:** Zero

**Viscosity At 23°C:** 1.14

**Insulation Nature:** Good

**UV Resistant:** Yes

**Crack Bridging:** 2mm

**Density:** 1.3 Approx.

**Algae & Fungal Resistant:** Excellent

**Final Dry Time:** 7 Days

**Min-Max Substrate Temperature:** +7°C - 45°C

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# SCT Luxuriate Diamond

## LIQUID WATER PROOF/HEAT PROOF MEMBRANE SYSTEM

### Advance German Chemical Technology

#### DESCRIPTION

SCT Luxuriate Diamond is a high-quality elastomeric waterproofing and vapor-proofing membrane made from acrylic polymers. It is a single-component, ready-to-use product that offers excellent resistance to UV radiation. This membrane is suitable for application on both vertical and horizontal surfaces, including sloping surfaces. The white coating color enhances reflectivity, effectively reducing temperatures by up to 15 °C. The product is also anti-fungal and anti-algae, making it suitable for use in humid and damp conditions. Due to its elastomeric and crack-bridging properties, it is an excellent mastic waterproofing membrane that provides long-term durability to buildings. Overall, SCT Luxuriate Diamond is a high-performance product that offers a range of benefits, including waterproofing, vapor-proofing, UV resistance, heat reflectivity, anti-fungal and anti-algae properties, as well as excellent crack-bridging properties to resist thermal movement.

#### ADVANTAGES

- Ready to Use:** Single-component solution for instant application.
- Flexible Application:** Brush or roller, your choice.
- Damp Surface Friendly:** Apply on damp backgrounds.
- Stays Clean:** Resists dirt pick-up, maintaining a fresh look.
- Strong Adhesion:** Bonds excellently with various materials.
- Crack-Proof:** High flexibility to prevent cracks.
- Weather Guard:** Protects against elements and movement.
- Monsoon-Proof:** Withstands heavy rain.
- Custom Color:** Tintable shades for personalization.
- Eco-Friendly:** Non-toxic, solvent-free, and sustainable.
- Quick Dry:** Touch dry in just one hour.
- Water Resistant:** Unmatched protection against water.

#### AREAS OF APPLICATION

SCT Luxuriate Diamond offers top-notch protection across a wide range of areas, including terraces, concrete roofs, swimming pools, water tanks, basements, lift pits, R.C.C. foundations, baths, toilets, sunken areas, balconies, planters, terrace gardens, podiums, masonry, asbestos cement sheets, cement concrete surfaces, water retaining structures, pits, basins, and sumps.

#### METHOD OF APPLICATION

##### SURFACE PREPARATION

To ensure effective application of SCT Luxuriate Diamond waterproofing membrane, a series of key steps must be followed. Begin with surface preparation, involving gentle cleaning, chiseling, and a mild alum-based wash to remove paint, dust, dirt, oil, and grease. Address any damages or hollow areas using a polymer modified mortar (Oxicare URL). For broader surface cracks, employ a cement polymer paste (1 kg Oxicare URL to 10 kg Cement and water) to cover hairline cracks and prevent water infiltration.

##### PRIMING Self-Priming Convenience

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, for porous surfaces, dilute SCT Luxuriate Diamond by 20% with water. Apply using a brush, roller, or spray. Stir well. Integrate fiber cloth into wet primer for optimal results.

**Primer coverage:** 40 to 60 sqft/kg depending on surface porosity.

##### For 2nd and 3rd Coat

**Application (Diamond)**  
apply SCT Luxuriate Diamond membrane directly onto the primer using a brush or roller. While a minor 5% water addition can enhance workability, it's not a recommended practice. Applying three coats at intervals of 1 to 4 hours is suggested for improved long-term results. Allow the coated surface to air cure for 7 days to achieve optimal outcomes. Initial touch dry time 1 to 4 Hours.

##### COVERAGE

1Kg/20-25 Sq.ft./coat with Fiber cloth/fabric at 1mm Thickness. Coverage, however, is subject to the surface condition.

##### NUMBER OF COATS

2 coats

##### COATING THICKNESS IN 2-3 COATS

2 coats - 0.8 mm - 1mm ( approx )

3 coats - 1.4 mm ( approx )

# SCT Luxuriate Diamond

## LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

### Advance German Chemical Technology

#### PRODUCT DATA

**Chemical Nature:** Acrylic Copolymer With Special Grade Fillers, additives.

**Color:** White

**pH Value:** 7.5 - 8

**Solid Content:** 65 ±2%

**Finish:** Smooth/matte

**Elongation:** 150%

**Dry Time:** 1 Hour at 25°C Approx.

**Air Curing Time:** 48 Hours Approx At 25°C

**Chemical Resistant:** Good

**Water Permeability:** Zero

**Viscosity At 23°C:** 114

**Insulation Nature:** Good

**UV Resistant:** Yes

**Crack Bridging:** 2mm

**Density:** 1.3 Approx.

**Algae & Fungal Resistant:** Excellent

**Final Dry Time:** 7 Days

**Min-Max Substrate Temperature:** +7°C - 45°C

#### HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

#### PACKING

10 KG, 20 Kg.

#### STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

#### SHELF LIFE

18 months

#### DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

#### GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# SCT Luxuriate Silver

LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

Advance German Chemical Technology

## DESCRIPTION

SCT Luxuriate Silver is a high-quality elastomeric water proofing and vapor-proofing membrane made of acrylic polymers. It is a single-component, ready-to-use product that provides excellent resistance to water. It is suitable for use on both vertical and horizontal surfaces, including sloping surfaces.

The product is also anti-fungal and anti-algae, making it suitable for use in humid and damp conditions. Due to its elastomeric and crack-bridging properties, it is an excellent mastic waterproofing membrane that provides long-term durability to buildings.

Overall, Luxuriate is a high-performance product that offers a range of benefits, including waterproofing, vapor-proofing UV resistance, anti-fungal and anti-algae properties, and excellent crack-bridging properties.

## ADVANTAGES

- Single-component, ready to use
- Applicable by brush or roller
- Can be applied to damp backgrounds
- Very good dirt pick-up resistance
- Excellent adhesion with all types of building materials, including wood, metal, and ceramic
- High flexibility, does not crack
- Protects from weather effects, including structural movement, expansion, and contraction
- Long-term durability, resistant to heavy rain and stagnant water during monsoon season
- Can be tinted in variable shades
- Eco-friendly and non-toxic
- Solvent and plasticizer-free
- Touch dry time of just one hour
- Offers outstanding water resistance

## AREAS OF APPLICATION

Terrace, concrete roof, water tank, basement, lift pits, R.C.C. foundation, bath, toilet, Sunken areas, balcony, planter, terrace garden, podium, masonry, asbestos cement sheets, Cement concrete surface, water retaining structure, pits, basins, sumps etc.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Terrace, concrete roof, water tank, basement, lift pits, R.C.C. foundation, bath, toilet, Sunken areas, balcony, planter, terrace garden, podium, masonry, asbestos cement sheets, Cement concrete surface, water retaining structure, pits, basins, sumps etc.

### PRIMING Self-Priming Convenience

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, Prime the surface with Luxuriate Silver diluted with 20% water. Embed fiber cloth over the wet primer coat.

**Primer coverage:** 45 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

### For 2nd and 3rd Coat

#### Application (SILVER)

Apply SCT Luxuriate Silver directly onto the primer using a brush or roller. Apply Luxuriate membrane with 5% - 10% water dilution using a brush or roller. Recommend two coats at intervals of 1 to 4 hours. Allow air curing for 72 hours. Initial touch dry time is 1 to 4 hours.

## COVERAGE

1Kg.20 - 25 sq ft per kg/coat with Fiber cloth/mesh/fabric at 1mm thickness. Coverage, however, is subject to the surface porosity.

## NUMBER OF COATS

2 coats

## COATING THICKNESS IN 2-3 COATS

2 coats - 0.8 mm - 1 mm ( approx )

3 coats - 1.4 mm ( approx )

# SCT Luxuriate Silver

## LIQUID ELASTOMERIC WATERPROOF MEMBRANE SYSTEM

### Advance German Chemical Technology

#### PRODUCT DATA

**Chemical Nature:** Acrylic copolymer with special-grade natural fillers, pigment.

**Colour:** Grey (Silver)

**pH Value:** 8-9

**Solid Content:** 60%  $\pm$ 2%      Lorem ipsum

**Finish:** Smooth/matte

**Elongation:** 150%

**Dry Time:** 1 hour approx. at 25°C

**Air Curing Time:** 48 hours at 25°C

**Chemical Resistant:** Good

**Water Permeability:** Zero

**Viscosity:** 1000-4000 Mpa-s at 23°C (ISO 2555)

**Density:** 1.02 g/cm<sup>3</sup> at 20°C

**UV Resistant:** Yes

**Crack Bridging:** 2 mm

**Algae & Fungal Resistant:** Excellent

**Final Dry Time:** 7 days

**Minimum Substrate Temperature:** +7°C

#### HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

#### PACKING

10 KG, 20 Kg.

#### STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

#### SHELF LIFE

18 months

#### DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

#### GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# FLEXILE MEMBRANE GOLD

High Quality Liquid Elastomeric Waterproof Membrane  
Advance German Chemical Technology

## DESCRIPTION

Flexile Membrane Gold, powered by advanced German chemical technology, redefines high-performance liquid elastomeric waterproofing solutions. This robust and single-component membrane, enriched with special-grade natural fillers, is engineered for unparalleled versatility and longevity. Its earthy brown hue not only enhances aesthetics but also inhibits the proliferation of fungus and algae. Here's why Flexile-Membrane Gold is a game changer:

## ADVANTAGES

**Single-Component Ease:** Ready to use, it effortlessly applies with a brush or roller.

**Universal Adhesion:** Achieves excellent bonding with all types of building materials, including wood and metal.

**Crack Bridging Expertise:** Boasting a remarkable crack bridging capacity of up to 2mm to 3mm.

**Unmatched Structural Flexibility:** Designed to accommodate structural movements, it resists cracking.

**Triple-Layer Durability:** With a three-layer construction, it ensures long-term structural integrity.

**Monsoon-Proof Reliability:** Offers steadfast resistance to heavy monsoon rains and stagnant water.

**Eco-Friendly & Non-Toxic:** Committed to environmental sustainability and safety.

## AREAS OF APPLICATION

Flexile Membrane Gold is a versatile solution, perfectly suited for a variety of applications. Whether safeguarding roofs, terraces, gardens, basements, swimming pools, podiums, screeds, or water tanks, this membrane excels in providing dependable waterproofing solutions across diverse settings. Its adaptability ensures lasting protection in an array of construction scenarios.

## PRIMING

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, for porous surfaces, dilute Flexile Membrane Gold with 20% water by weight of the product.

**Primer coverage:** 45 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Creating a solid base is crucial for the effective application of Flexile Membrane Gold. This starts with a thorough cleaning process, incorporating an alum wash to eliminate dust, dirt, oil, and grease. All loose or compromised materials must be diligently removed, and any damages or hollow areas should be carefully repaired using polymer-modified mortar, specifically with the use of Oxicrete URL. To ensure proper water drainage and maintain structural integrity, maintaining the right slopes is essential. Here, the standard 10-foot length corresponds to a 1-inch slope. Additionally, part of the comprehensive surface preparation is the filling of wide surface cracks, guaranteeing a smooth and durable foundation.

### APPLICATION

Before applying Flexile Membrane Gold, ensure to mix the contents thoroughly, dampen the surface and incorporate Fiber cloth for added strength. Apply the membrane with a 15% water dilution using a brush, roller, or spray, maintaining a 1-4 hour gap between the first and second coats. For the best results and lasting performance, we advise applying two coats. After application, allow Flexile Membrane Gold to air cure for seven days, and it's suitable for both over and under screed application.

## COVERAGE

On an ideal smooth surface, you can expect approximately 20-25 sq ft per kg, 1 coat though coverage may vary depending on the surface condition.

## NUMBER OF COATS

2 or 3 coats

## COATING THICKNESS

In two coats, it achieves an approximate thickness of 0.8mm - 1 mm dft approximately.

In three coats, it attains a thickness of 1-1.2mm dft approximately.

# FLEXILE MEMBRANE GOLD

High Quality Liquid Elastomeric Waterproof Membrane  
Advance German Chemical Technology

## PRODUCT DATA

**Colour:** Brown  
**Solid Content:** 75 ±2%  
**Finish:** Smooth/Matte  
**Elongation:** 300%  
**Specific Gravity:** 1.10  
**Initial Touch Dry Time:** 1 to 2 Hours  
 approximately at 25°C  
**Final Setting Time (Air Curing):** 7 Days Approx.  
**Chemical Resistant:** Good  
**Water Permeability:** Zero  
**Vapors Permeability:** Nil  
**UV Resistant:** Yes  
**Crack Bridging:** 2mm-3mm  
**Algae & Fungal Resistant:** Excellent

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.  
 In case of skin contact, rinse with clean water.  
 In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 Kg, 20 Kg, 25 Kg

## STORAGE

Store in a cool dry place, unopened, sealed pack.  
 Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# FLEXILE MEMBRANE BLACK

Seal Excellence with EWMB-112 Flexile Membrane  
Advance German Chemical Technology

## DESCRIPTION

Flexile Membrane Black is a robust elastomeric waterproofing solution crafted with advanced German chemical technology. This heavy-duty, single-component membrane with special-grade natural fillers provides excellent UV resistance, making it suitable for vertical and horizontal surfaces, including sloping surfaces. Its preventive properties extend to inhibiting the growth of fungus and algae, ensuring a crack-free performance.

## ADVANTAGES

Single component, ready to use, applicable by brush or roller.  
Excellent adhesion with various building materials, including wood and metal.  
Crack bridging capacity up to 3mm.  
Withstands structural movement, expansion, and contraction without cracking.  
Tintable in variable shades.  
Long-term durability, resistant to heavy rain, and monsoon.  
Eco-friendly and non-toxic.  
Durable and resistant to peeling, chipping, and separation.

## AREAS OF APPLICATION

Ideal for roofs, terraces, metal, asbestos, terrace gardens, slopes, brick coba, R.C.C. chaajas, screed, swimming pools, balconies, sunken areas, baths, toilets, basements, foundation protection, podium slabs, ponds, masonry, and can be used as a sandwich membrane.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Clean and wash the surface with alum, removing paint, dust, dirt, oil, grease, and unsound materials. Repair damaged or hollow areas with polymer-modified mortar. Ensure a proper slope with a standard 10' length requiring a 1' slope. Fill any wide surface cracks.

## APPLICATION

### Priming:

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, Prime by Flexile membrane Black with 20% dilution by weight of chemical at SSD condition by brush, roller, or spray on fibercloth.

**Primer coverage:** 40 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

### For 1st and 2nd coat

Apply Flexile Membrane Black by brush or roller for 1st coat and in the 2nd coat at intervals of 1 to 4 hours. However, during hot weather, a slight 5% dilution is recommended to enhance workability. It's essential to note that excessive dilution, particularly during hot weather, is not advised as it could impact the coating's durability and lifespan. Allow the coating surface to air cure for 72 hours. Fibercloth can be used.

### Coverage

**In metal:** 40-50 Sq. ft./Kg

**In asbestos:** 30-50 Sq. ft./Kg

**In concrete:** 20-25 sq. ft./Kg

(Coverage depends on the porosity of the surface)

### Thickness

1kg/20 SQ FT - 25 SQ FT. 1 mm thickness for long term durability.

to achieve a dry film of 1 mm in 2 coats.

2 coats are recommended for long-term durability.

### Traffic:

Only light foot movement is allowed.

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

# FLEXILE MEMBRANE BLACK

Seal Excellence with EWMB-112 Flexile Membrane  
Advance German Chemical Technology

## PRODUCT DATA

**Colour:** Brownish liquid, black on drying.

**Solid Content:** 80%  $\pm$ 2%

**Finish:** Smooth

**Elongation:** 200%

**Specific Gravity:** 1 to 1.08

**Touch Dry Time at 25°C:** Approx 30 minutes

**Air Curing Time:** 72 Hours Approx at 25°C.

**Chemical Resistant:** Good

**Water Permeability:** Zero

**Crack Bridging:** 3mm

**Algae & Fungal Resistant:** Excellent

**Final Setting Time (Air Curing):** 7 Days

## LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.

Apply in shaded areas, avoiding direct sunlight and strong wind exposure.

Ensure application on properly prepared surfaces. Adhere to recommended maximum layer thickness. Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration. Safeguard newly applied material from rain and adverse weather conditions.

## PACKING

10 KG, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack. Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.



# FLEXILE MEMBRANE PU 1K

High-Performance Hybrid water based PU Membrane  
Advance German Chemical Technology



## DESCRIPTION

Flexile Membrane PU1K is a top-tier single-component polyurethane hybrid, flexible, water-based, UV-resistant liquid membrane designed for exceptional long-term durability, complemented by a protective screed.

## ADVANTAGES

Mild acids, fungal, and algae resistant.  
Single component, ready to use.  
Highly flexible with crack-bridging up to 3 mm.  
Eco-friendly.  
Suitable for both vertical and horizontal surfaces.  
Cured by air moisture.  
Quick drying in 4 to 6 hours.  
Applicable indoors and outdoors.  
Non-toxic and vaporless.  
Seamless.  
High bonding to all construction materials such as wood, concrete, metals.

## AREAS OF APPLICATION

Ideal for roofs, terraces, swimming pools, bridges, balconies, podiums, R.C.C. slabs, concrete brickwork, stonework, basements, water bodies, asbestos sheets, metal sheets, fiber cement sheets, bitumen surfaces, and wood.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Ensure a clean surface washed with alum, free from dust, oil, grease, algae, loose and unsound material, and any deposits. Use a wire brush or grinder thoroughly. Concrete and plaster should be cured for a minimum of 7 to 15 days. Repair all cracks and undulations; do not apply on silicone material.

## PRIMING

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, for porous surfaces, dilute Flexile Membrane PU1K with 20% water by weight of the product.

**Primer coverage:** 45 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

## APPLICATION

Apply the 1st coat of Flexile Membrane PU1K with a brush, roller, or spray. After 1-2 hours, apply the 2nd coat at X-Y directions perpendicular. A 3rd coat can be applied for enhanced durability. The membrane can be reinforced with fiber cloth, or fabric for additional strength.

## COVERAGE

On an ideal smooth surface, you can expect approximately 20 sq ft per kg, 1 coat though coverage may vary depending on the surface condition.

## NUMBER OF COATS

2 or 3 coats

## COATING THICKNESS

In two coats, it achieves an approximate thickness of 0.8 mm-1 mm dft approximately.

In three coats, it attains a thickness of 1-1.2 mm dft approximately.

# FLEXILE MEMBRANE PU 1K

High-Performance Hybrid water based PU Membrane  
Advance German Chemical Technology

## PRODUCT DATA

**Colour and Forms:** Coloured paste, available in white, black, and Blue shades upon request.

**Specific Gravity:** 1.3

**Solid Contents:** 85%

**Elongation:** 200% at 27°C

**Air Curing Time:** 7 days at 27°C

**Coating Intervals:** 1 to 4 hours at 27°C depending on weather conditions.

**Application Temperature Range:** 5°C to 48°C

**Crack Bridging:** 3 mm

**Water Permeability:** Nil

## HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

## PACKING

10 Kg, 20 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.





# SCT RAIN PROOF

LIQUID ELASTOMERIC EXTERIOR/INTERIOR WATERPROOF CUM DECORATIVE COATING

Advance German Chemical Technology

## DESCRIPTION

SCT RAIN PROOF is a heavy-duty elastomeric waterproofing polymer coating, fortified with premium natural fillers. As a single-component, ready-to-use solution, it provides excellent UV resistance and is ideal for safeguarding vertical, horizontal, and sloping surfaces against water infiltration. Its white color enhances its effectiveness as a single-component heat-reflective waterproofing coating while also preventing the growth of fungus and algae.

## ADVANTAGES

SCT RAIN PROOF is distinguished for its versatility and durability, making it a reliable single-component application. Ready for immediate use with a brush or roller, it offers convenience and efficiency. The product exhibits outstanding adhesion to a broad spectrum of building materials, including wood and metal. Notably, it effectively bridges cracks up to 0.5mm wide and accommodates structural and thermal movement without cracking. The tinting option provides versatility in color choices. Moreover, it guarantees long-term durability, showcasing excellent resistance to heavy rain, monsoons, and stagnant water. This eco-friendly and non-toxic coating stands as a sustainable choice. Its weatherproof and protective attributes, coupled with high resistance to dirt pickup, ensure vibrant and enduring color retention. Additionally, it is easily washable with a damp cloth, enhancing its user-friendly features..

## AREAS OF APPLICATION

Ideal for exterior wall coating on residential, commercial, and industrial buildings, including hospitals, colleges, warehouses, and drywall surfaces such as Gypsum, asbestos, concrete, and masonry.

## METHOD OF APPLICATION

### SURFACE PREPARATION

Prior to application, ensure a clean and prepared surface by cleaning and washing with alum to remove all traces of paint, dust, dirt, oil, grease, and any loose or unsound materials. Repair any damaged or hollow areas of the wall using polymer-modified mortar. If re-putty is required, it's recommended to mix it with SCT Oxicrete URL for added water resistance and strength.

### PRIMING SELF PRIMING CONVIENCE

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. To initiate, prime the surface using SCT RAIN PROOF diluted at 10% with water, utilizing a brush, roller, or spray. Thoroughly stir the mixture before applying. **weight of the product.**

**Primer coverage:** 45 to 60 sqft/kg depending on surface porosity.

**Touch drying time:** 1-4 hours depending on weather conditions.

### APPLICATION

Next, apply SCT RAIN PROOF without dilution in normal conditions for immediate use with a brush or roller. However, during hot weather, a slight 5% dilution is recommended to enhance workability. It's essential to note that excessive dilution, particularly during hot weather, is not advised as it could impact the coating's durability and lifespan. Maintain a one-hour interval between two coats, and allow the coating to air cure for 48 hours.

**COVERAGE:** On an ideal smooth surface, expect approximately 30-35 Sq. Ft per kg. Actual coverage may vary based on surface absorption and porosity.

### HEALTH & SAFETY

Prioritize safety with gloves and goggles to shield your skin and eyes. Promptly wash eyes if the product makes contact and seek medical advise.

# SCT RAIN PROOF

LIQUID ELASTOMERIC EXTERIOR/INTERIOR WATERPROOF CUM DECORATIVE COATING

Advance German Chemical Technology

## TECHNICAL DATA SHEET

**CHEMICAL NATURE:** Acrylic co-polymer with special additives  
**COLOUR:** White  
**SOLID CONTENT:** 60%  $\pm$ 2%  
**FINISH:** Smooth  
**SPECIFIC GRAVITY:** 1.30  
**DRY TOUCH TIME:** At 25°C Approx 1 Hour  
**CURING TIME:** 72 Hours Approx at 25°C  
**CHEMICAL RESISTANT:** Good  
**WATER PERMEABILITY:** Zero  
**VISCOUS LIQUID INSULATION NATURE:** GOOD  
**UV RESISTANT:** Yes  
**CRACK BRIDGING:** 0.5 mm  
**ALGAE & FUNGAL RESISTANT:** Excellent  
**DFT-APPROX:** 115 to 120 micron  
**FILM APPEARANCE:** Smooth & uniform  
**AMBIENT AIR TEMPERATURE:** 8°C Min. +45°C Max

## LIMITATIONS

Apply caution during rain and avoid using on fresh concrete or plaster until 15 days of curing. Ensure application on properly prepared surfaces. Adhere to recommended maximum layer thickness. Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration. Safeguard newly applied material from rain and adverse weather conditions.

## PACKING

11 KG, 22 Kg.

## STORAGE

Store in a cool dry place, unopened, sealed pack. Keep away from direct sunlight, below 30°C.

## SHELF LIFE

18 months

## DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

## GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.







**Waterproofing**  
Built To Last  
Advanced German Chemical Technology



SCT Waterproofing, a distinguished Indian enterprise with a decade-long legacy in the waterproofing industry, was established in \*\*\*\* with a steadfast dedication to delivering cutting-edge solutions that set new benchmarks in the field.

We pride ourselves on our unwavering commitment to excellence, and our products reflect international quality standards, subtly influenced by our esteemed German collaboration.

Ask our Waterproofing experts  
**TECHNICAL CONSULTANT - +91 9589845585**  
**MARKETING & SALES MANAGER - +91 96858 61585**  
**OFFICE - 0731 - 4995171**  
**EMAIL ID - [sales@sctwaterproofchemicals.in](mailto:sales@sctwaterproofchemicals.in)**

 **UG-18, 21, MEGHDOOT TOWER, VIJAY NAGAR,  
SCH. NO. 54 OPPOSITE GIRDHAR MAHAL INDORE,  
M.P. - 452010**