



# 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:  
Air cure 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.

