



# 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 - 1mm dft approximately.

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

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## 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.

