



## 6040

### Acrylic Based UV Resistant Flexible Liquid Membrane



Product Code : 6040  
**Quality Certificates**  
 The product conforms to the EN 1504-2 standard.

**Description:** An acrylic (elastomeric) resin based, single component, UV resistant, flexible water isolation material.

**Application Areas:** Indoor and outdoor, horizontal and vertical surfaces, wet areas such as bathroom, kitchen, flat and inclined roofs, chimney sides, gutters, eaves, drains, terraces and balconies.

**Advantages:**

- Ready-to-use.
- Very elastic, even at low temperatures.
- Applied easily and quickly with a brush or a roller.
- Provides high adherence.
- Allows the surface to breathe.
- Can be painted with water based dye.
- Resistant to UV.
- Can be produced in various colors upon request.
- Does not form a joint.
- Does not contain solvent, nonpoisonous. **Suitable for use in contact with potable water.**

**Preparation of the Surface:** Attention must be given that the application surface is cured. The application surface must be clear of materials which prevent bonding, such as dust, oil, and tar, paint, curing agents, silicone, detergents and mold release oils. Weak parts of the concrete must be removed; iron and wooden wedges must be demounted, active water leakages and cracks must be repaired. Sections that tend to crack such as sharp edges and horizontal/vertical joints have to be rounded by beveling.

**Application Information:** FALCON Acrylic Based UV Resistant Flexible Liquid Membrane is applied with a brush or a roller. It should be diluted with 20% water on the first coat as a primer, then each layer should be 1-1.5 mm thickness. Dries in 4 - 5 hours, depending on weather conditions. Do not apply the second layer before previous coat is completely dry. Support it with carriers such as felt, mesh, against

water pressure and on walkable roofs. FALCON Acrylic Based UV Resistant Flexible Liquid Membrane gains mechanical strength in 5 days and becomes waterproof in 7 days. It gains final strength in 14 days. It must be protected against damages.

**Colorizing and Painting:** FALCON Acrylic Based UV Resistant Flexible Liquid Membrane is white, different colors are available upon request. It can be colored with paste type pigments during the application. It can be painted with acrylic based outer facade paint.

**Consumption:** For 1 mm film thickness.....1.4 kg/m<sup>2</sup>  
 Deck Roofs..... 3 - 4 kg/m<sup>2</sup>  
 Gutters.....2 - 4 kg/m<sup>2</sup>

**Caution:** Avoid application in temperatures below +5°C and above +35°C. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. FALCON Acrylic Based UV Resistant Flexible Liquid Membrane is not suitable for water tanks, swimming pools and groundwork isolation that are under permanent water pressure. Avoid contact with surfaces such as metal, glass as it may cause permanent stains. Should not be applied on wet and moist surface. Keep the cover closed when product application is finished or paused. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

**Packaging:** 5 kg and 20 kg plastic containers

**Shelf Life:** Unopened packages can be stored for 12 months. Mix well before use. Protect it against frost.

**Health and Safety:** As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse with plenty of water. Keep out of reach of children.



Technical Properties	
Appearance	: White colored acrylic copolymer liquid
Liquid Density	: ~1.30 kg/lt
Application Temperature	: Between +5°C and +35°C
Flexibility	: 150%
Waiting Time Between Coats	: 4 hours (+20°C)
Time to Use	: 5 - 7 days
Service Temperature	: -20°C / +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease the times and lower temperatures increase them.