

## ULTRAPROOF

**Elastomeric waterproofing and rainproofing coating  
ULTRAPROOF UPR-960**

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### PRODUCT DESCRIPTION

**ULTRAPROOF UPR-960** is a water based elastomeric waterproofing and rainproofing coating to protect concrete, roof and exterior wall from infiltration of water, and covers hairline cracks. This quality provides waterproof and elastic characteristic that can be bridge hair cracks. Due to its versatility, it can be practically applied to any supported substrates like concrete, horizontal concrete roof, asbestos, fiber cement and metal surfaces. This product available in many decorative colors.

### FIELDS OF APPLICATION

- Side wall and exterior wall
- Concrete
- Roof tile, asbestos, fiber cement
- Primed metal surfaces, zinc, galvanized

### ADVANTAGES

- Water based and environmentally friendly
- Waterproof
- Excellent weather and UV resistant
- Alkali and efflorescence resistant
- Fungus and moss resistant
- Good adhesion
- Elastic and covering hairline cracks

### TECHNICAL DATA

Type	:	Elastomeric acrylic polymer
Color	:	As shown in color card
Finish look	:	Low sheen
Solid by volume	:	40 - 50 %
Specific gravity	:	1.2 – 1.3
Drying time		
• Surface dry	:	30 - 60 minutes (30°C)
• Hard dry	:	2 - 4 hours (30°C)
Packaging	:	1 kg, 4 kg, 20 kg
Thinner/ clean up	:	Clean water
Thinning ratio by weight	:	First coat for priming : 10 - 20 % Subsequent coats : ready to use
Recommended Material consumption	:	300 gram/m <sup>2</sup> /coat for 100 microns DFT
Recommended DFT	:	300 microns
Re-coating interval	:	Minimum 2 hours (30°C) or when the previous coat already dry
Application method	:	Brush, roll
Storage Stability	:	One year in cool and dry storage and in original not opened container.

## TEST PERFORMANCE DATA

Adhesion to substrate	:	> 1.5 N/mm <sup>2</sup>	ASTM D-4541
Tensile strength	:	> 2.5 N/mm <sup>2</sup>	ASTM D-412
Elongation	:	> 600 %	ASTM D-412
Water absorption	:	< 20 %	ASTM D-471

## INSTRUCTION FOR USE

### Surface Preparation

- The surface must be dry, clean, sound and free of contaminants such as dirt, grease, etc.
- Newly constructed wall must be dry at least 28 days. Ensure the wall moisture content is ≤16% using a Protimeter and the wall alkalinity (pH) is 7–8 using a Universal pH indicator.
- Remove any loose material or defective paint by thoroughly brushing and scraping with an active fiber brush.
- Treat any areas affected by mold, algae, moss and lichens with **PROPAN FUNGICIDAL WASH**.
- Repair defects with suitable materials.

### Application condition

Temperature : 25 - 35°C

Humidity maximum : 60 - 80 % RH

Provide adequate ventilation during application and drying.

## RECOMMENDED COATING SYSTEM

- Preceding coats : ULTRAPROOF UPR-960, 1 coat
- Subsequent coats : ULTRAPROOF UPR-960, 1 - 2 coats

Note :

- Critical parts for instance joint, space and crack can be strengthened by using fiber net or gauze
- Protect the area from water, rain and dust before the coating dries.

## CLEANING

All tools and equipment should be removed with soap water, rinse again with clean water immediately after use. Hardened material can only be removed mechanically.

## SAFETY PRECAUTIONS

**ULTRAPROOF UPR-960** is non toxic and non flammable and does not contain heavy metals in its materials such as lead. Avoid contact with skin and eyes. Do not inhaled. Wear suitable protective equipment such as goggles, dust mask and gloves. For more information refer to material safety data sheet.

### First Aid

Skin contact : Wash off thoroughly with plenty of water and soap immediately. If irritation occurs, seek medical advice.

Eye contact : Rinse immediately with plenty of water. Seek medical advice if irritation persists.

Inhalation : Take the person out to get more fresh air, loosen collar and avoid exertion. Keep patient rested and help using breathing apparatus.

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