

ECHO SOLVENT BASE WATERPROOFING

• DESCRIPTION & FIELD OF APPLICATION

Echo Solvent waterproofing is a solvent-based coating barrier based on modified polyurethane reinforced with special water repelling agents. It is used as a protective and waterproofing coating for roofs and balconies. In addition to terraces, under tile wet areas, and foundation walls, flowerpots, water wells, water tanks, and water-transport pipes.

It also has excellent elastic properties and resistance to the effects of long-term weathering and durable in all climatic conditions.

• MAIN FEATURES

- Easy to apply (by roller or airless gun)
- Thermal stability
- High elasticity
- Excellent adhesion
- High chemical resistance
- Applicable on wide range of substrates with excellent bonding.
- Excellent protection against corrosive soil conditions, resistance to salts
- Excellent waterproofing properties
- Durability

• PHYSICAL SPECIFICATIONS

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|----------------------|---|
| - Finish | - Gloss |
| - Density | - 0.998 g/cc. |
| - Specific gravity | - 0.97 (mixed paint) |
| - Solid volume | - 57.8% |
| - Tensile strength | - 5.7 N/mm ² |
| - Thermal resistance | - 160 °C |
| - D.F.T | - 190 microns (depending on the surface and the system) |
| - Coverage | - 5-6 m ² /kg |
| - Flash point | - 16°C |
| - Drying time | - Touch to Dry : 6 hours |
| | - Recoating interval : 8 hours |
| | - Full cure : 8 days |

• SURFACE PREPARATION

All surfaces to be waterproofed should be sound, clean and dry; free of any laitance, grease, oil, dirt and other loose materials.

A. OLD PAINTED SURFACES

1. Remove loose particles and parts with poor adhesion.
2. Rinse with clean water and allow drying.
3. Apply one coat of Echo solvent waterproofing diluted by 30% xylene to prime the surface and to seal the pores.
4. Fill cracks and holes with suitable Acrylic Filler and cracks tape.
5. After complete drying, apply two coats of Echo solvent waterproofing; where each coat should be perpendicular to the previous coat.

B. NEW SURFACES

1. New concrete should be allowed to cure a minimum of 28 days prior to priming.
2. Concrete surfaces should have a light steel-trowel followed by a fine hair-broom or equivalent finish which is dry and free of dust, oil, and other contaminants. All protrusions must be removed to level the surface.
3. Rinse the entire surface with clean water and allow drying.
4. Apply one coat of Echo solvent waterproofing diluted by 30% xylene to prime the surface and to seal the pores.
5. Fill cracks and holes with suitable Acrylic Filler and cracks tape.
6. After complete drying, apply two coats of Echo solvent waterproofing; where each coat should be perpendicular to the previous coat.

• INSTRUCTIONS FOR APPLICATION

- **Tools** :roller, brush or airless spraying
- **Thinner** :Xylene
- **Percentage of thinning** :20- 30% max. by volume

• COLORS

- Clear - White

• PACKING

- 19-liter Pail - 1 US gallon

• STORAGE

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life: up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- Stir well before use.
- Avoid application below 5° C or over 85% relative humidity.
- After using, clean the application tools immediately with xylene.
- Ensure good ventilation during application and drying.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.