

ShieldClear Acrylic Liner Matt

High Quality, Acrylic Sealer and Topcoat



MICSHIELD®

Description

ShieldClear Acrylic Liner Matt is a ready-to-use, water-based acrylic sealer, designed to penetrate and protect concrete and cement-based surfaces. It creates a thin, breathable film with a matte finish. **ShieldClear Acrylic Liner Matt** offers durability, UV resistance, and enhances the aesthetic of treated surfaces.

Uses

- Interior and exterior applications.
- Suitable for concrete floors and interlocking pavers.
- Ideal for fiber-cement board surfaces and exposed aggregate concrete.
- Can be used as a topcoat for cementitious decorative plasters, underlayments, screeds.
- Works as a dustproof.

Characteristics / Advantages

- Easy to apply by brush, roller or spray.
- Matt finish.
- Does not yellow over time.
- Improves stability of dusty or porous surfaces.
- Excellent adhesion to cement-based substrates.
- Provides surface uniformity.
- Durable and resistant to UV and weathering conditions.
- Low VOC.

Shelf Life and Storage

ShieldClear Acrylic Liner Matt has a shelf life of 12 months when stored in its original unopened packaging in cool and dry conditions, protected from direct sunlight, heat, and moisture. Shelf life may be reduced if the recommended storage conditions are not followed.

Packaging

ShieldClear Acrylic Liner Matt is supplied in 18-L buckets.

Typical Properties

Appearance / Color	Milky white liquid transforms into transparent after drying
Specific Gravity @ 23°C	1.00 ± 0.05
Drying Time	Touch Dry : 15 – 30 minutes Hard Dry: 24 hours
Overcoating Time @ 20°C, 75% RH	30 – 60 minutes
Full Cure	7 days

Application Instructions

1. Surface Preparation

The substrate must be cured and free from dust, loose materials, surface contamination, and materials that may reduce bond or prevent adhesion.

2. Mixing

ShieldClear Acrylic Liner Matt is ready to use, and should be stirred prior to application, to ensure a homogenous liquid. Do not dilute the product.

3. Application

Apply the first coat evenly onto the surface using a suitable tool such as a brush, roller, or low-pressure sprayer.

Allow the first coat to dry before overcoating (30 – 60 minutes at normal conditions) and apply the second coat to provide a higher level of protection.

Always apply thin, uniform coats that are even and continuous to ensure optimal bonding, durability, and performance.



4. Cleaning

All mixing equipment and application tools should be cleaned immediately with clean water. Hardened material should be mechanically removed.

Consumption

Approximately 0.20 Liter /m² but may vary due to site wastage and substrate condition/profile.

Safety Instructions

Avoid contact with the eyes and skin. In case of direct contact with the skin, wash the affected area immediately with water for several minutes. If it comes into contact with the eyes, rinse immediately with lukewarm water for at least 15 minutes and get medical advice or treatment if any emergency warning signs appear. For further information, refer to the Material Safety Data Sheet.

Technical Support

Refer to technical information, method statement, or contact technical support team for any inquiry.

Limitations

- Do not apply the product if the ambient temperature is less than 10°C.
- Do not allow the product to pool or dry in thick patches in case of accidental spillage.
- Do not let the product dry in excessive thickness, as it can create a plastic-like film that may peel off later, especially in high-traffic or outdoor areas.
- Hot weather practices should be adopted during application and curing if the temperature is above 35°C. In hot conditions, store the material in a cool environment prior to use.
- Avoid application over unprepared surfaces.
- Avoid diluting the product.
- Avoid contact with strong chemicals.
- Check suitability and compatibility with the substrate with a trial test area.

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