

Description: Water-based penetrating protective shield. Does not change the appearance of the substrate.

Intended use: Micro Inviso Shield provides long lasting protection for masonry substrates such as brick, concrete and stone to protect against water penetration, staining, chewing gum adhesion, efflorescence, corrosion of steel reinforcement, spalling and de-icing salt attack.

- Features & Benefits:**
- Water based emulsion that penetrates deep into the substrate
 - Helps reduce carbon footprint by minimising the need for maintenance cleaning
 - Does not change the appearance of the substrate
 - Slip resistance of the surface is improved as aquaplaning is minimised
 - Chemically bonds to the surface
 - Allows for vapour and gas transmission through the treated surface
 - Permanent, does not UV degrade
 - Long life - Between 10-15 years protection can be expected and is readily retreated.
 - VOC compliant

Limitations: Test a small inconspicuous area first. Do not apply to a wet surface or when rain is predicted. Concrete must be cured for 28 days. Will not seal cracks. Cover and protect all glass, metal & vegetation from overspray.

Sizes: 1L, 5L, 20L, 205L, 1000L.

Dilution: Ready to use concentration

Coverage:

| Substrate | M2/Litre |
|---------------------------------------|----------|
| Clay brick, Exposed Aggregate, Pavers | 7-9 |
| Stucco, Rough Stone | 6-8 |
| Concrete | 6-8 |
| Precast Concrete | 8-10 |
| Besser Block | 6-8 |

Drying time: Will dry clear and transparent in 1-2 hours @ 25°C.

Clean up: Clean equipment and overspray with soapy water.

Typical Physical Properties:

| | |
|--|--------------------------------------|
| Appearance & Odour | Milky white liquid. Very mild odour. |
| Melting/Softening Point | Approx. 0°C. |
| Boiling Point & Vapour Pressure | Approx. 100°C at 100kPa. |
| Volatile Materials | Water Component |
| Flashpoint | Does not burn |
| Specific Gravity | No data. |
| Solubility in Water | Completely soluble |
| Corrosiveness | Not corrosive |
| Shelf Life | 3 years after manufacture date. |

Identification:

| | |
|------------------------------|----------------|
| UN No. | None Allocated |
| Dangerous Goods Class | None Allocated |
| Hazchem Code | None Allocated |
| Sub Risk Class | None Allocated |
| Packaging Group | None Allocated |
| Poison Schedule | Not Scheduled |

Application Instructions:**Preparation:**

New concrete must be cured for 28 days prior to application. Surfaces must be clean, dry, and free of grease and oil. High pressure cold water washing may be necessary to remove contaminants. Chemical cleaning or hot water with high pressure may be performed. Thoroughly rinse the chemical cleaner from the substrate prior to application. Substrate surface is adequately clean when Micro Inviso Shield is immediately absorbed by the substrate.

Installation:

Stir before use. Do not apply if rain is expected within 24 hours. Apply with low pressure spray equipment, roller or brush. Use a fan spray nozzle for greatest efficiency. On vertical surfaces apply the material starting at the bottom of the wall. Work your way up the wall so that Micro Inviso Shield will run down the surface 6-8" below the spray pattern. For porous vertical applications, apply a second application while the first is still wet.

On horizontal surfaces, Micro Inviso Shield should be applied to completely flood the surface. Spread puddles with a brush or broom. Keep traffic off of the surface for at least 4 hours or preferably until the surface is dry.

Warning:

Use with adequate ventilation.

Keep out of reach of children.

Do not take internally.

In case of ingestion call a physician, do not induce vomiting.

CONSULT THE MSDS FOR SAFETY, STORAGE AND FIRST AID INSTRUCTIONS BEFORE USING THIS PRODUCT.

Test Results:

| Property | Test | Result |
|------------------------|------------------|--|
| Chloride ion Reduction | NCHRP Report 244 | 77% Reduction |
| Vapour Transmission | NCHRP Report 244 | Excellent. No moisture retained after 21 days. |
| Water Penetration | ASTM D-6489-99 | 85% Avg. Reduction Penetration |

Awards & References:

- THE BIG 5 (Dubai) Product of the Year 2008 Finalist
- VOC compliant
- See www.cyndan.com.au for testimonials.

Warranty:

Cyndan Chemicals warrants that for a period of 24 months from the date of manufacture or for the duration of the published shelf life, whichever is less, that at the time of shipment, the product is free of manufacturing defects and conforms to published specifications in force on the date of acceptance by "the company" of the order. Cyndan Chemicals shall only be held liable under this warranty if the material has been stored, used and applied in accordance with Cyndan's instructions in the products technical data sheet.

