



"Shield (Masonry)"

PREMIER EXTERIOR ARCHITECTURAL COATING

PRODUCT DESCRIPTION

"Shield (Masonry)" Based on Pure Acrylic Emulsion, contains inert pigment and fillers to meet the requirements of durable protection to concrete or concrete structures. Applied as a liquid, it cures to form a flexible membrane, which prevents U.V. & gives weather resistance properties. It provides good mechanical and abrasion resistances to the exterior or interior surfaces. It contains anti-fungal, antibacterial additives, which provides maximum protection to dry film.

Recommended uses

"Shield (Masonry)" Paints are suitable, as seamless and elastomeric water proof coatings for wood, concrete, asbestos, etc. It can also be used for concrete repairs, interior/exterior commercial & industrial buildings, flats roofs and variety of other substrates, to have abrasion & chemical resistances. Mostly suitable for curbstone applications, bridges, car parking areas, since it has excellent resistance to rain & pollutants.

The dry film has excellent crack bridging property and protection from the penetration of water borne salt and atmospheric gases. As a protective coating, **"Shield (Masonry)"** provides excellent Ultra Violet resistance, weather resistance, moderate chemical resistance and high order of wash-ability. Dry film also resists to biodegradations, at proper application and film thickness.

APPLICATION INSTRUCTION & APPLICATION DATA

SURFACE PREPARATION:

Adequate Surface Preparation and proper application is of Particular importance for achieving proper finish and Adhesion. Make sure that the Surface / Substrate to be painted is sound & should be free of Oil, Dust, Grease or any other foreign particles to get optimum adhesion & Finish. It is necessary that the surface should be thoroughly cleaned either by scraping or wire brushing or sand blasting.

Application can be done by the recommended application methods.

APPLICATION DATA

APPLICATION METHOD	-	Roller, Brush or Spray
CLEANING/THINNING	-	Water
THINNER (WATER)	-	5 – 10% depends on method of application
CONV. SPRAY REQUIREMENTS	-	Possible
AIRLESS SPRAY REQUIREMENTS	-	Pressure : 2000 – 2500 psi
NOZZLE SIZE	-	0.018" – 0.021"
MIXING RATIO (BY VOLUME)	-	NA
POT LIFE @30°C (100 ml)	-	NA



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TECHNICAL DATA

Colour, Dry Film	- As per shade card
Finish, Dry Film	- Smooth / Satin
Volume Solids (ASTM D2697)	- 40% +/- 2%
Specific Gravity	- 1.34 +/-0.05
Theoretical Spreading	- 7.0 to 8.0 M2/LTR / COAT
Recommended DFT (Dry Film)	- 80 – 100 Microns/Coat
Recommended WFT (Wet Film)	- 145 – 185 Microns/Coat
Flash Point	- Water Base

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)

Touch Dry	- 1 hour
Dry to recoat	- 10 - 12 hours
Full Dry (Hours)	- 24

RECOMMENDED SYSTEM To be applied on prepared surface.	Acrylic Primer (W.B.) (OR) : 1 coat
	Aqua Siloxane Primer (OR) : 1 coat
	Penetrating Primer Sealer : 1 coat
	"Shield (Masonry)" Paint : 2 coats
	Levelling the surface: (If required)
	Stucco Filler (For interior) : 2 coats
	Shield Exterior Filler (For exterior) : 2 coats

ADDITIONAL DATA

SHELF LIFE @ 30°C with	24 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<ul style="list-style-type: none">• As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and air mask etc.• Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner.• Eyes should be flushed with fresh water.• Avoid inhalation of vapors and paint mist by wearing suitable air mask. In the event of ingestion and eye contact, seek medical attention immediately.• Painting must be carried out in well-ventilated area.• This is an industrial product. Non inflammable contains flammable materials and should be kept away from ignition sources; local safety regulations should be followed.
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed conditions under shed, away from direct sunlight and extreme temperature. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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NOTE

The information given here in is based on tests conducted in-house laboratory and/or independent accredited laboratories. While the information is presented as true and accurate to the best of our knowledge, we assume no responsibility or liability with regard to the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved. Many factors beyond our control can affect and influence the use and performance of our products at any particular application. Since these factors are uniquely within the users' knowledge and control, it is essential that users evaluate the product to determine its suitability for purpose. Please, ensure before using that product is suitable for the intend application. No warranty is given or implied by us as the site conditions and the skill of labour used for application is beyond our control.