

TECHNICAL DATA SHEET

DURO SIL-PRIME

Deep Penetration Breathable Facade Primer Prior To Breathable Facade Topcoat

DESCRIPTION

DURO SIL-PRIME BY DUROTECH is a highly effective low viscosity water based primer based on siloxane and acrylic polymer. This primer enhance even application of the subsequent top coats. Duro Sil-Prime is highly water repellent and helps to bind weak powdery surfaces. It is designed to protect the topcoats from attack from moisture and salts from inside the substrate. Duro Sil-Prime is highly breathable and is a perfect system with the Duro Breathable Silicone Acrylic topcoats. The Primer is recommended for concrete, masonry, render, fibre cement sheet and all mineral substrates.

PRINCIPAL CHARACTERISTICS:

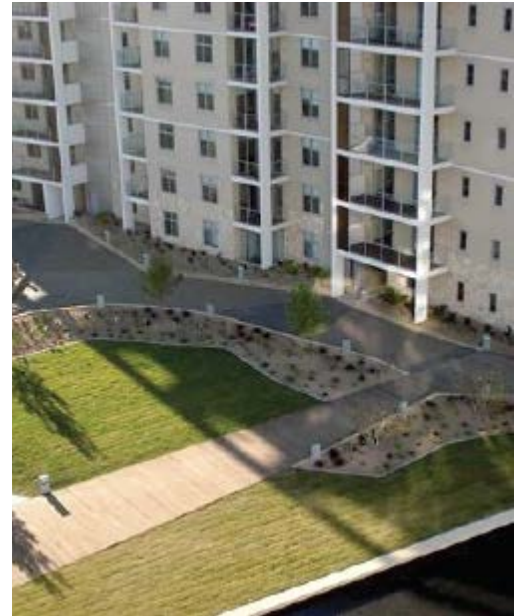
- Hydrophobic. Highly water repellent
- Vapour & Gas Permeable
- Good penetration
- Prevent salts, water & alkalis attack
- Improve intercoat adhesion
- Reduces topcoat consumption
- Improve topcoat application
- Improve topcoat sheen distribution
- Perfect system with Duro Silicone Acrylic topcoats

USE AREAS

- Concrete, bridges, brick, blockwork and render walls, masonry, fibre cement sheeting, balconies and facades

PACKAGING:

- 15 Litre



TECHNICAL INFORMATION:

Colour	Milky. Dry with clear film
Dry Time	Touch dry 30 minutes @ 25°C & 50% Relative Humidity
Recoat	4 – 6 hours @ 25°C The Duro-Prime is not a standard alone product. Must be top coated
Coverage	6 – 8 M ² per litre / coat
VOC	<1g/L
Clean Up	Water
Shelf Life	12 months, unopened and stored @20°C
Paint System	2 Coats Duro Sil-Prime + 2 Coats Duro Silane Top Coats

PREPARATION

All surfaces shall be sound, clean, dry and free of release curing agents, laitance, efflorescence, oils, bird droppings, mould, algae and other contaminants. Check adhesion by applying to a test area. Concrete, blockwork and cement render should be at least 28 days old, dry and free of voids and other surface defects. Make sure painted surfaces are sound and remove any chalking by pressure spray and/or a 'sugar soap' detergent wash. For mould, fungi and algae affected areas pressure spray and then treat with Duroprep Antifungal Concentrate to destroy fungal spores and algae remains.

PRIMING

Use as primer with Duro Silane topcoats

APPLICATION

Do not dilute with water. Recommended for brush, roll and spray application. For spray application the recommended system is an airless spray system using a piston pump. The recommended spray tip is a 19 to 21 thou (thousands of an inch) fan type. The pump can be electric or driven by compressed air and needs to produce a pressure of about 3000 psi.

PRECAUTIONS

Do not apply Duro Sil-Prime below 10°C ambient. Do not apply above 30°C or in hot windy conditions, or if rain is likely within 6 hours. In summer apply in the cooler part of the day. Be sure coating is cured before contact with water. Wash equipment with water before dry. Do not expose to solvents. Clean periodically to maintain surface and re-coat when necessary.

CLEANUP: Use fresh water before material has set. Soften cured material with mineral turps.

SAFETY: Avoid breathing vapours and contact with skin and eyes. Refer to Durotech MSDS

FIRST AID: In case of contact rinse immediately with plenty of water.

SPILLS: Contain spill and prevent entry into to waterways. Refer to Durotech Safety Datasheet before use.