



DURO SIL CREME

DEEP PENETRATION BREATHABLE FACADE PRIMER & WATER REPELLENT

DURO SIL-CREME BY DUROTECH is an aqueous, solventless, creamy Octyl Silane based thixotropic cream used to protect concrete substrates from water and chloride ion penetration. It is a high quality specialty product for hydrophobic impregnating of both normal and reinforced concrete. Duro Sil-Crème penetrates deeply into the concrete until fully absorbed. Duro Sil-Crème can be used as a stand alone product or as a high performance primer for breathable topcoats such as Duro Silane. Duro Sil-Crème can be applied in one coat of the desired thickness free from drips or sagging even on vertical walls .



PRINCIPLE CHARACTERISTICS

- ◆ Hydrophobic. Highly water repellent
- ◆ Vapour & Gas Permeable
- ◆ Deep penetration
- ◆ Prevent salts, water & alkalis attack
- ◆ Excellent resistance to alkalis
- ◆ Single coat application
- ◆ Low wastage and efficient application
- ◆ Improve intercoat adhesion
- ◆ Reduces topcoat consumption
- ◆ Solvent free, aqueous & environment friendly
- ◆ Improve topcoat sheen distribution
- ◆ Perfect system with topcoat Duro Silane



USE AREA

- ◆ Concrete
- ◆ Bridges
- ◆ Brick
- ◆ Blockwork and render walls
- ◆ Masonry
- ◆ Fibre cement sheeting
- ◆ Balconies and facades



PACKAGING

- ◆ 15 Litre
- ◆ 20 Litre

TECHNICAL INFORMATION

Colour:	White cream
Active Ingredient:	Octyltriethoxysilane
Dry Time:	Touch dry 30 –60 minutes @ 25°C & 50% Relative Humidity
Top Coat:	24 hours @ 25°C & 50% Relative Humidity
Coverage:	4–5 M ² per liter. (or up to 400 gram per M ²)
Application:	Airless spray. Brush, roller may be used for small areas
Density:	0.9 g/cm ³
Clean Up	Water
Shelf Life:	12 months, unopened and stored @ 25°C
Paint System:	1 Coat Duro Sil-Crème + 2 Coats Duro Silane Topcoats

SURFACE PREPARATION

All surfaces shall be sound, clean, dry and free of release curing agents, laitance, efflorescence, oils, bird droppings, mould, algae and other contaminants. 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. Off form and precast concrete should be high pressure water washed to remove loose cement particles from surface. DO NOT apply if rain is expected on the day of application

APPLICATION METHOD

Duro Sil-Crème is best applied undiluted by low pressure airless spray with temperature between 10°C and 30°C. Brush and roller for use in small areas.

APPLICATION RATE

4 to 5 square meter per liter (or 300 to 400 gram per square meter) depending upon porosity.

PRIMING

Use as primer or topcoat with Duro Silane.

PRECAUTIONS

Do not apply Duro Sil-Creme 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.

STORAGE

Duro Sil-Crème has a shelf life of at least 12 months when stored in the sealed unopened containers at temperatures between 10 to 32°C. The product must be protected against direct sunlight. Storage beyond the date specified on the label does not necessarily mean the product is no longer usable. The properties required for the intended use must be checked for quality assurance reasons.

CLEANUP Water

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.



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