

INORGANIC BRICK PENETRATING CRYSTALLINE REPELLENT

Description

CS2-BS is a high performance water-based masonry protector. Substrate surface voids are sealed off where no moisture entrapped. The degree of safety increases as the wet coefficient of friction increases. The impermeable layer formed inhibits the penetration of grease, oil, acids, alkaline and salts. CS2-BS does not alter the colour, texture, structure and other physical properties of the substrate.

Features

- Anti-emulsion effect by alkaline
- High durability
- High waterproofing ability
- Minimize freeze-thaw attack
- Non-toxic
- Anti-rotten
- Stain-resistant
- Non-flammability
- Improve substrate dampness
- Mold-free and fungal-free

Uses

Sandstone, Granite, Marble, Fish hatcheries, All bricks (e.g. red, YTONG etc.), Factory/plant flooring, Granaries and Patios, Gas/oil service stations, Asphalt roofing surface, Cindercrete block, Garage pad, Asphalt shingles, Pools, Driveways, Sewage plants etc.

Properties

Description	Standard	Performance
Freeze/thaw resistance	UNI 8635/11	50 cycles without damage
Efflorescence susceptibility	UNI 8942/3	None
Coefficient of friction	B.S. 6431: Part 20:1984	Dry : 0.807 ; Wet : 0.467
Colour	Colourless	
Number of coating	1	
Setting and drying time (25°C)	30 mins	
Coverage	25 - 30 m ² /L	

CanShield

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Application

- Surface treatment
 - For normal surfaces / new concrete applications, degrease and clean the surface using CS10-CleanEase in advance. Leave the treating surface fully dry before CS2-BS treatment.
 - For concrete surfaces, deep penetration moisture barrier such as CS1-TS solution are recommended to facilitate the bonding of CS2-BS.
 - Remove soft spots (e.g. paint or failed membranes and coatings) by scraping, grinding and apply suitable coating removers.
- Weather Conditions
 - Ambient temperature: $\geq 5^{\circ}\text{C}$
- Coating method
 - No thinning is required.
 - Do not attempt 2nd coating. Additional attempts may form white crystal layer on the surface.
 - Remove the excessive residual CS2-BS immediately before it dries out.
 - CS2-BS is not grouting material or filler for repairing visible cracks on substrate surface, uncured or previously sealed asphalt.
 - For smooth / dark colour substrate surfaces, thin application using sponges are recommended.
 - For rough / light colour surfaces, spraying or brushing / rolling would be more suitable.

Packing

20 L/ pail

Caution

- Shake well before use.
- Preliminary works are advised to prevent chemical reaction with substrates such as glass, glazed surface or aluminum.
- In case of accidental contact, rinse thoroughly with water immediately.
- Safety precautions are recommended.
- Keep out of reach of children.
- Application method and quantity may vary in different situation, please seek authorized supplier for technical advice if necessary.