

Brush Seal

One Component Polymer modified cementitious Flexible waterproof coatings

Description

BRUSH SEAL is a one-component, polymer-modified, cementitious coating for waterproofing concrete and masonry surfaces.

Features and Benefits

- Ideal for horizontal, vertical and overhead surface exposed to negative as well as positive hydrostatic Pressures.
- Great adhesion to properly prepared concrete and masonry substrates
- Highly resistant to water penetration and freeze/thaw cycles
- Applicable by trowel or brush
- Breathable and compatible with high-performance coatings

Where to Use

- For waterproofing horizontal, vertical and overhead surfaces
- For interior or exterior concrete applications, such as walls, retaining walls, wet rooms, pools, Planters, irrigation canals, culverts, concrete jersey, barriers, beams, columns, building facades, overpasses and piers exposed to positive or negative hydrostatic pressure.

Limitations

- Not for use on traffic bearing

Technical Data

Form:		Powder
Colour:		Grey, White
Density:		1.72
Storage:		Free from frost and moisture
Shelf Life:		6 months
Pot Life:		30 minutes at 20°C
Compressive Strength:	28 days	3600 psi(24.8 Mpa)
Flexural Strength:	28 days	1100 psi (7.59 Mpa)
Pull off Strength:	28 days	>145 psi (1 Mpa)
Packaging:	16 kg.	

surfaces

- Only use between 45° F to 95° F (7°C to 35°C)

Suitable Substrates

- Properly Prepared, structurally, fully cured substrates (at least 28 days old)

Surface Preparation

- All substrates must be structurally sound, stable and solid.
- Thoroughly clean surface of any substance that could interface with the bond of waterproofing materials, including dirt, paint, tar, asphalt, wax, oil, grease, latex compounds, form release agent, laitance, loose toppings, efflorescence, foreign substances and any other residues.
- Dampen surfaces to achieve a saturated surface-dry (SSD) condition before the application of BRUSH SEAL
- Relieves hydrostatic pressure from substance before application of BRUSH SEAL

Mixing Ratio

By Value:

Type	Water	Brush Seal
For waterproofing slurry	1	: 2.5
For Trowelable mortar	1	: 3.0

Mixing

- Pour cool, clean potable water into a clean mixing container,
- Slowly add BRUSH SEAL to the water. Mix up to 4 minutes until a smooth, homogenous consistency is achieved. Let slake (i.e., sit in container) for about 10 minutes, remix and apply to surface.

Product Application

- Apply BRUSH SEAL with a nylon-bristle brush.
- The first coat must completely fill and cover all holes, Cavities and static cracks. Ensure a uniform, well – bonded coat by working the material aggressively into the surface. Apply in to horizontal direction across the surface.
- Apply a second coat after the first coat has developed sufficient strength-typically within 5 to 6 hours, but not to exceed 24 hours. Work this coat vertically into the surface, ensuring that the uniform coat fills all voids.
- A third coat may be needed in extreme cases of hydrostatic pressure.

Coverage

1 kg./m²/ Coat



**Delta Coatings
& Sealants**