

DESCRIPTION

Bayseal 400® is a Solvent based Silane Siloxane that provides a protective impregnating treatment Based on Nanotechnology for Penetrative capability.

USES

Bayseal 400® is suitable to be applied over:

Surfaces	Consumption / m ²
☐ Mortars and Concrete	30.0 gm - 50.0 gm
☐ Sand Stone	40.0 gm - 60.0 gm
☐ Lime stone	40.0 gm - 192.2 gm
☐ Mineral Plaster	60.0 gm - 75.0 gm
☐ Bricks	60.0 gm - 115.0 gm

Advantages

- ☐ Prevent the penetration of rain and potable water
- ☐ Resist chlorides and sulphates
- ☐ Helps to prevent efflorescence.
- ☐ Chemically resistant to fuels, atmospheric contaminants and oils.
- ☐ Fast reactive action
- ☐ Discoloring protection
- ☐ Excellent water repellent
- ☐ Single component, no mixing
- ☐ Colorless
- ☐ Transparent finish
- ☐ Tolerant for hot and cold climate

Compliance

ASTM C309 Type 1 Class B

Material Data

Type	Silane Siloxane
Form	Colorless, clear liquid
Packing	1USG, 5USG & 160Kg packs
Storage	12 month in unopened packaging, between 5°C
Condition	and 35°C

TECHNICAL DATA

Specific Gravity	0.78± 0.05 @ 25°C
Active Solid	4.5-5.0%
Mixing Ratio	No Mixing is required. Ready to Use
Setting time	>25 minutes
Coverage	3-6 m ² /ltr/coat, minimum 2 coats required
Temperature	5°C lowest
Surface Situation	Cement / concrete-based substrate age must be at least 28 days.
Resistant	Oil Fuel Acid 10%

Important Notice:

The above data is based on our experience and extensive laboratory tests. It may be considered to be a general advice only and cannot be granted to meet the requirements for all the intended uses. It is the responsibility of the end user to ensure that the product is suitable for the purpose for which he wishes to use it. In view of many varying factors that are encountered during the application of the product it does not exclude the end users from not conducting their own test before actually using the product. We are thus only responsible for the quality of the product itself and not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product. Any such matters should be specifically agreed to in writing by us. Bayshield reserves the right to modify the contents of the data sheet from time to time without notice as a system requirement in updating our products from time to time.

APPLICATION DETAILS

Surface Preparation

- ☐ The surface must be dry. Wait at least 24 hours after rain. If the surface has been cleaned with high pressure water, wait 3 days in dry weather.
- ☐ Brush off any loose material from crumbling, powdery or encrusted walls.
- ☐ Fill in cracks larger than 0.3 mm wide.
- ☐ Clean any dirty surfaces. Avoid using acidic or alkaline detergents and cationic surfactants. If treating fresh masonry, wait 28 days before applying this product.

Typical Application

Apply **Bayseal 400®** at 3-6m²/ltr directly to the prepared substrate, using a brush or spray machine and spread the liquid evenly over the area.

- ❖ Apply the first coat upwards until you visually see the surface has been filled.
- ❖ The second coat should be applied from side to side allowing for hidden areas to be covered.

Note: You might require to over coat the area repeatedly if the absorption of the surface is high, this absorption depends on the type of surface and condition

Curing

2 hours after the final coat is applied

Safety & Protection Measures

Bayseal 400® is solvent base product and there is risk of cauterization in the event of contact with the eyes; will lead to dehydration and thereof irritation in case of contact with skin. So while mixing and applying the product, protect with safety goggles and protective gloves

- ☐ Splashes to skin must be washed off with water and Soap
- ☐ Splashes to the eyes must be rinsed with clean warm water. Seeking medical attention is highly recommended and mandatory

Environmentally

Do not dispose into water or soil, kindly refer to Local Regulations and procedures

Remarks

Bayseal 400® empty cans should not be used for FOOD STORING at any condition whatsoever