

SEMPURE 853

(50% Nano Silane / siloxane emulsion)

I. Product Description:

BRB is a mixture Sempure 853 Silane / siloxane 50%, water systems - origin: The Netherlands. Silane / siloxane reacts chemically with a substrate made of materials that are waterproof and perfect in every drop of water deposited on the surface of the substrate circular then goes inside without proof. BRB Sempure 853 is kind of special waterproof alternative to Siliconate used to process clay brick, tile, natural stone, artificial stone, and other materials for construction by immersion, spray, scan, or mixed into the mortar, concrete, additives for paints waterproof.

II. Applications:

Once mixed with water, BRB 853 Sempure considered waterproofing agent for porous masonry substrates including cement, concrete, limestone, sandstone, clay tiles, terracotta tiles, gypsum mineral . 853 BRB Sempure reaction with substrates made of materials that are waterproof long.

For paint, water-based varnish to waterproof wood products for outdoor or stick, just use 1kg Sempure 853 to 100-150kgs-product, or with higher or lower rates depending on demand, should be tried before deciding proportion to achieve the highest economic efficiency ..but around 0.25% is acceptable.

III. Specification:

- No solvent, water soluble and easy to use.
- Not containing salts and solvents, does not affect the product flying colors.
- Deep absorbent substrate and does not alter the color of the substrate.
- The PH # 8-9 should be safe to use, environmentally friendly
- Effective waterproofing fast and stable with very low concentrations of 0.25%

IV. Physical Properties

| Specifications | Value |
|-----------------------|-------------|
| Color | Milky white |
| Active content | 50% |
| Density at 20C degree | 0.98 |
| PH | 8-9 |
| Solvent | Water |

V. How to use for the construction industry:

Sempure 853 solution was prepared by dilution with soft water.

1. Apply for clay brick, tile, stone:

| | |
|------------------|--------------|
| Dipping | 1:50 - 1:100 |
| Spray or coating | 1:10 to 1:20 |

2. Apply for mortar, concrete, plaster walls, .. :

-1kg Sempure, using 120-150 kgs cement.

-Or adjust the formula of how to be 0.1% to 0.2% active ingredient Sempure 853 on total volume of dry material (applicable to mortar, concrete, plaster walls, ...)

NOTE: To ensure the quality of the solution after dilution, should be used within 24 hours or preferably within 8 hours. Shelf life depends on the dilution ratio, the more concentrated solution of long-term use as long, the solution was diluted so as long as the effect is reduced.

VI. Transportation and storage:

Products are stored in airtight container in a cool dry place, the temperature 5-40 degrees C
Shelf life 12 months in barrel intact warranty conditions, at room temperature, in the house.
Keep out of reach of children.

NOTE: Before use, safe to use, please carefully read the product information, product safety and label containers, information on health and safety ...

Product origin: BRB Netherland-EU