



HAPPILAC HI-AQUA SEAL WR-66

High Performance Breathable Masonry Water Repellent

Happilac Hi-Aqua Seal WR-66 is a water-based masonry water repellent that penetrates deep inside the pores of substrates and forms a resin coating by reacting with atmospheric carbon dioxide. The methyl silicon resin thus formed impregnates the substrate providing water repellency without altering the appearance and retains the breathability of the substrate.

Recommended For

Happilac Hi-Aqua Seal WR-66 is recommended for use as a water repellent for mineral building materials such as clay products (facing brick, roofing tiles, pots etc) aerated concrete, plasterboard and light fillers (perlite, vermiculite aerated concrete granules etc). It is used to form a protective sheild against efflorescence.

Features

- Good water repellency to masonry surfaces
- Resistant to chemical & biological degradation
- Deep penetration & improved aesthetics
- Resists cracking, peeling & blistering due to high vapor permeability
- Improves surface protection
- Water-based & Environmental-friendly
- Film-forming is not affected by UV radiation
- Easy to apply & ready to use

Technical Details

Appearance	Milky liquid
pH	10-12
Specific gravity	1.0-1.2
Application method	By brush or spray
Spreading area	50-60 ft²/liter
Tack free	10-15 minutes
Recoat	Wet to wet
Drying time	8-10 hours
Curing time	24 hours



Surface Preparation

The surface should be clear from dust, dirt, oil, grease, curing compound, any other coating, efflorescent etc. Cleaning method such as solvent degreasing, caustic soda scrubbing and acid etching etc. were found compatible with Happilac Hi-Aqua Seal WR-66. Neutralize and wash the surface completely before application of Happilac Hi-Aqua Seal WR-66 with an identified suitable cleaning method.

Application

Happilac Hi-Aqua Seal WR-66 is a ready to use product and it can be applied by brush or spray depending upon the surface conditions.

Limitations

- This product is not recommended for surfaces subjected to hydrostatic pressure.
- Store the product away from moisture and dampness.

Available Packs and Storage

- The product is supplied in 30 liters and 5 liters packing.
- When stored in an original airtight container at or below 25°C, It has a shelf life of 08 months.

Health and Safety Notes

- Happilac Hi-Aqua Seal WR-66 is an alkaline material.
- In an enclosed area, provide ventilation.
- Treat splashes to eyes and skin immediately with water for at least 15 minutes and obtain prompt medical attention.
- For detailed information on health and safety hazards and precautions for use of this product, please refer to the Material Safety Data Sheet (MSDS).

The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.

