

## Hi-Aqua Seal WR-66

### Description

**H**appilac 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

**H**appilac 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 can also be used as primer additive to water based and latex paints.

### Features

- Good water repellency to masonry surfaces
- Resists cracking, peeling and blistering due to high vapor permeability
- Resistant to chemical and biological degradation
- Deep penetration and improved aesthetics
- Improves adhesion of paints to substrates
- Water based and environmentally compatible
- Non-film forming and unaffected by UV radiation
- Easy to apply and ready to use
- Long term effectiveness over 5-10 days

### Limitations

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

### Technical Details

<b>Appearance</b>	:	Milky liquid
<b>PH</b>	:	10-12
<b>Specific gravity</b>	:	1.8
<b>Spreading area</b>	:	50-60 ft <sup>2</sup> /liter
<b>Drying based on ambient conditions at 25OC</b>	:	
<b>Tack free</b>	:	10-15 minutes
<b>Recoat</b>	:	Wet to wet
<b>Dry</b>	:	8-10 hours
<b>Curing</b>	:	24 hours

### Surface Preparation

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

### Application Guide

Hi-Aqua WR-66 can be applied by dipping or brushing. Begin at the top of substrate by brush liberally over tiles and grouting. Finish with the base work well into edges. Use a soft, dry cloth to remove any excess solution left on

surface of substrate. A second coat may be applied immediately (wet on wet). Allow to dry for at least 24 hours before subjecting the surface to water.

Hi-Aqua Seal WR-66 can also be injected into damaged walls of buildings to prevent rising damp.

**Cleaning:**

Hi-Aqua Seal WR-66 should be removed from tools and equipment immediately after use with water. Hardened material can be removed mechanically.

## Available Packs and Storage

The product is supplied in 30-liter and 5-liter packs

When stored in original airtight container at or below 25°C, it has a shelf life of 1 year

## Health and Safety Notes

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

**CAUTION:** Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.