

TECHNICAL DATASHEET

WATER REPELLENT (WATERBORNE)

PRODUCT DESCRIPTION

Silicone based water repellent is highly recommended for hydrophobization of facades. Damage to façades and porous building materials is mostly due to moisture, rain and beading water.

Water repellent limits the penetration of water into the material without preventing it from breathing by obstructing the pores.

PRODUCT BENEFITS

- 1- Eco-friendly product
- 2- Easy to apply
- 3- High resistance to blistering and flaking
- 4- Weathering resistance
- 5- Excellent water repellency
- 6- Excellent cracking resistance
- 7- High alkali resistance

RECOMMENDED USES

Damp is the enemy of building materials. Rain for instance causes various kinds of damage to walls: cracking, erosion, splitting, mold, chemical damage and a reduction in heat-insulating properties.

This product limits water penetration preventing substrate damage.

Ideal for the treatment of building materials like concrete of all types, inorganic plasters, asbestos cement, chalky sandstone, masonry, artificial or natural stones, cellular concrete, plasters based on mineral paints, etc.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Holes, crevices, hollows, irregularities etc ... should be filled with Ready Putty

PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid
Appearance Clear
Odor None

Temperature 25°C
Relative Humidity 60%

Wet Film Thickness 100 µm
Dry Film Thickness 50 µm

Specific Gravity, ISO 2811 1.05±0.05 g/cm³

Drying Time, ASTM D5894 3-4 hours
Recoat Time 4-6 hours

Sag Resistance, ASTM D3730 Excellent
Leveling Excellent

Water Resistance Excellent
Scratching Resistance Excellent

THINNING/ APPLYING

Spread with either a flat brush on rough material or with a roller for small areas only.
Spray with an airless spray or gun with a variable jet nozzle.

Whatever the method of application, water repellent should be applied until the masonry is saturated.

Two coats of the product are recommended. The second coat should be applied as soon as the first has lost its shiny appearance.

Clean tools and equipment with water immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.