

DESCRIPTION

PENESIL SILOX™ is a transparent, deep penetrating, non-staining, non-yellowing, non-film-making, one component siloxane/silane water repellent. PENESIL SILOX™ is a highly effective and long-lasting water repellent with excellent UV resistance. Easy to clean. Cures by reaction with ground and air moisture.

RECOMMENDED FOR

Marble
Decorative bricks
Absorbent ceramic tiles
Karystos slates
Limestone
Wood

Concrete
Decorative bricks
Plasters and porous screeds
Concrete stone
Natural stone
Fiber reinforced cement

ADVANTAGES

Simple application (roller or brush)

Gives a constant hydrophobic effect to the surface, without changing the color or the appearance of the surface

No film formation.

Allows the surface to breathe

Non-yellowing

No weathering effect. Retains its mechanical properties in a temperature range from -22 °F (-30 °C) to 194 °F (90 °C)

Freezing resistant

Ensures long-lasting effect

Protects the surface from water intrusion, smog, acid rain and waterborne chloride ion migration.

It reduces contaminant ingress.

Resistant to bacteria and fungus

Reduces efflorescence

TECHNICAL CHARACTERISTICS

Characteristics	Test Result	Test Method
<i>Composition</i>	Siloxane/Silane, solvent based	
<i>Colour</i>	Clear	
<i>Resistance to water pressure</i>	No leak	DIN 1928, Test A
<i>Application Temperature</i>	41 °F to 95 °F (5 °C to 35 °C)	68 °F (20 °C) 50% RH
<i>Repaint time</i>	30 minutes to 1 hour	
<i>Final curing time</i>	7 days	

All data are average values obtained under laboratory conditions. Impractical use, temperature, humidity and absorption of the substrate may influence the above given values.

DIRECTIONS FOR USE

Surface Preparation: The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the sealer. Maximum moisture content should not exceed 5%. Dirt, fats, oils, organic substances and dust need to be removed by mechanical grinding. Any loose surface pieces and dust need to be thoroughly removed. It is recommended to apply on a test areas prior to application.

NOTE: Careful surface preparation is essential for optimum finish and durability. Do not wash the surface with water.

Application: Apply PENESIL SILOX™ by using a roller or an airless spray gun. Apply a flood coat to ensure the deep penetrating and the full saturation, which is needed for effective water repellence. Fully saturate all mortar joints. Apply the second layer after 30 minutes to 1 hour, while the first layer is still damp. For surfaces with frequent contact with water and especially on floor surfaces, we recommend applying three layers of the PENESIL SILOX™.

NOTE: Stir well before use.

Coverage: 0.04 – 0.05 lb/ft² (200 - 250 gr/m²) per layer. Applied in two or three layers.

SPECIAL CONSIDERATIONS

Careful compliance with the time margins is essential for an excellent result. Apply the product on a test area, to observe any deterioration or discoloration, prior to application.

For the best results, the temperature during application and cure should be between 41 °F (5 °C) and 95 °F (35 °C). Low temperatures retard cure, while high temperature speed up curing. High humidity may affect the final finish.

Contact **Best Import Products Penetron** for further information, regarding your project.

PACKAGING

PENESIL SILOX™ is available in 33 lb (15 kg), 8.8 lb (4 kg) and 2.2 lb (1kg) containers.

STORAGE / SHELF LIFE

PENESIL SILOX™ has shelf life of maximum 9 months at 41 °F – 95 °F (5 °C – 35 °C), when stored in a dry enclosed area, away from direct solar radiation.

SAFE HANDLING INFORMATION

Flammable. If contact with skin and eyes, flush areas with lots of water and seek medical advice. Protective gloves, mask and goggles should be worn. For further information please refer to Material Safety Data Sheet. KEEP OUT OF REACH OF CHILDREN.

WARRANTY – DICLAIMER

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