



AIWIN STONE WAX

Stone Water Repellent Coat



Description:

STONE WAX is a solvent based sealer and penetrative protective surface treatment for stone, concrete and masonry conforms to ASTM E514.

Uses:

- An excellent protective treatment for stone and concrete surfaces.
- Forms a hydrophobic lining to capillaries.
- Colorless and excellent water repellent.
- Spray or brush applied, single component, ready to use.
- Excellent penetrations, no color or appearance change.
- Prevents the action of water borne chlorides and sulphates.
- Allows stone and concrete to breath, as water vapor permeability is unaffected.
- Protects surface from discoloration and pollution.
- Protect concert brick and tiles

Advantages:

- **STONE WAX** provides a protective impregnating treatment to the stone structure.
- **STONE WAX** when applied penetrates in to the pores of the stone and reacts with the water vapor or moisture to form a hydrophobic polysiloxane lining to the capillaries.
- Single component, no mixing is needed.
- Compatible with solvent surface coatings.

Technical Specifications:

Appearance : colorless, clear liquid , dries to tack – free film

Specific gravity: 0.7 ASTM 1475

Water Repellent: excellent water repellent ASTM E514

Non-staining, the color of the stone doesn't change after coating

Generates a clear, colorless waxy coat

Penetrates the stone surface, makes excellent adhesion with stone

The product is passed the test according o the Germany specification SS-W110C

U.V stability: ASTM D4587

Reduce freeze – thaw damage ASTM C666



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Stone Surface Preparation:

Stone Surface to be coated with **STONE WAX** should be clean, free from dust, loose particles, demoulding agents, curing agents, grease or suspended materials. It should be washed with water a day before application.

Application:

STONE WAX can be applied by low pressure spray or brush. Stir the material well before use, don't dilute with any solvents. apply two coats, apply the second coat immediately after the first coat, i.e. wet on wet conditions. Rate of application is 0.25 to 3.5 liter per m².

Coverage:

Average coverage is 3-4 m² / liter.

Storage:

Store under cover at temperatures between 10 - 30 °C, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environments.

Shelf life:

One year if stored in good conditions and in undamaged containers.

Packing:

Store under cover at temperatures between 10 - 30 °C, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environments.

Health & Safety:

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure the container is available for the medical assistance for the medical attendant to examine any relevant instructions and contents details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling.

Notes:

- This material reacts with moisture, there for keep the container sealed well.
- Surface must be perfectly dry.
- Do not apply on windy area as it will interfere with the application.
- Highly flammable.
- Apply in well-ventilated area.
- Store away from high temperature and direct sunlight.
- Don't apply near flames.

This technical data complement to ASTM and EN standards

This product data sheet supersedes all previous data publication pertaining to this product

All values given refer to standard production within the usual factory tolerance

Aiwin reserve the right to change said values without advance notice but without affecting the quality of the product



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