



Vetoprime AP443

Water repellent and anti-chloride primer

Uses

- As a primer and a sealer for anti-carbonation systems (Like Vetotop AC441 topcoat).
- To enhance the strength of weak lime-stone and masonry surfaces to receive resinous toppings.
- As a dust proofer for cementitious surfaces.
- To seal highly porous cementitious substrates.
- It creates a durable seal for stamped concrete.

Product Description

Vetoprime AP443 is a multi-grade surface sealer and hardener for concrete, masonry and natural stone. Vetoprime AP443 versatility allows it to be used in various applications in brick work and on block, concrete, masonry, lime-based elements, cement boards, mineral plasters, and natural and artificial stone conglomerates.

Advantages

- Anti-carbonation primer and sealer.
- Excellent protection against efflorescence and water damage.
- Single-component (can be easily applied by brush, roller, or spray).
- Versatile applications for a large number of coating materials and sealants.
- Designed for highly porous and weak surfaces.
- High wetting properties.
- Specifically designed for natural stone present in the MENA region.
- Cost-effective.
- Suitable for the weathering conditions of the MENA region.

Technical Data

Vetoprime AP443	Typical Values @ 25°C & RH 50%
Appearance	Clear Liquid
Density (kg/liter)	0.8
Full Cure Time (Days)	7
Service Temperature (°C)	-5 to 60
Solids Content (By weight %)	7
Film Finish	Penetration
Number of Coats	1 - 2
Drying Time (Munites)	40
Recoat Time (Hours)	3

Standards Compliance

- EN 1504-2

Usage Instructions

Surface Preparation

The surface must be sound and thoroughly cleaned before Vetoprime AP443 is applied. All loose particles, old mortar, laitance, dirt, paint, etc., must be brushed off completely with a stiff/wire brush or other suitable means.

Fungi or Algae should be scoured away using a hypochlorite-type bleach or a proprietary fungicidal solution. Then the surface must be washed with water. Remove all traces of oil and grease with an industrial-grade chemical degreaser or any suitable degreasing agent.

Application Areas

Vetoprime AP443 is used as a penetrating sealer/primer for stone, concrete, and cement-based products. Vetoseal AP443 will reduce/eliminate water and chloride penetration and efflorescence. The sealer is also used to densify weak stone and masonry products.

Application

Ensure that two flood coats (spray, roller, or brush applied) are applied at a rate of 20 m²/liter/coat @50 micron thickness allowing for a 3 hours interval between coats.

Cleaning

Clean equipment and tools using Vetonit Solvent XX400 immediately after use. In case of residual or cured material, use mechanical means such as a wire brush.

Legal Disclaimer

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Packaging & Coverage

Product	Pack Size	Coverage
Vetoprime AP443	20 liter	20 m ² /liter/coat @50 micron thickness

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed container of Vetoprime AP443 has a shelf life of 12 months, provided it is stored clear off the ground, in a dry and shaded place at a temperature below 35°C.

Health & Safety

Vetoprime AP443 should not come in contact with your skin or eyes. It should not be swallowed as well. Avoid inhalation of vapors and spray and use only in well-ventilated areas. In case of insufficient ventilation, wear suitable respiratory protection. Wear suitable protective clothing, gloves, and eye/face protection. Barrier creams provide additional skin protection.

Should accidental skin contact occur, remove immediately with a suitable skin cleanser followed by a thorough wash with soap and water. In case of contact with your eyes, rinse immediately with plenty of water and seek medical attention. If swallowed, seek medical attention immediately - do not induce vomiting.

Refer to the Material Safety Data Sheet for more information.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.