

VINLASTIC®

Flexible polymer modified cementitious waterproofing coating.

DESCRIPTION

VINLASTIC® is a two-part waterproofing system based on high quality synthetic resin, cement and special additives. VINLASTIC® bonds excellently with most substrates.

APPLICATION AREA

- Waterproofing for basements, water tanks, aqueducts, siphons or any water retaining structures.
- Waterproofing for concrete structures: roof, balcony, bridge, pitch hole.
- For bathroom floors, sunken portions, kitchen sinks, wall, etc.

ADVANTAGES

- Bonding excellently to a variety of substrates as: concrete, plastic, metal...
- Sticking well on wet surfaces (no stagnant water) helping the application easily and rapidly.
- Very flexible so it can stand moderate movements of hairline cracks up to 0.2 mm crack width.
- VINLASTIC® is non-toxic when waterproofed for running water tank.

CONSUMPTION

- Consumption recommended: 0.8 ÷ 1.2 kg/m²/coat
- Number of coats recommended: 2 ÷ 3 coats

APPLICATION

Surface preparation

- Remove loose and deteriorated materials using high pressure water- or sand-blasting or mechanical wire brushing.
- Treat, neutralize and remove efflorescence, mold, and mildew, dust, dirt, laitance and standing water prior to coating application.
- Fill the trace of chiseling with mortar (ratio cement/sand: 1/2) with HYPERLATEX™. bonding agent.
- Must saturate the prepared substrate with clean water before applying VINLASTIC®.

Mixing

- Mix using a slow speed drill (600 rpm) with wing type paddle to mixing.
- Place approximately part A (milky liquid) of pack in a clean pail. Keeping the mixer running, add part B (grey powder) slowly. Mix until components are evenly blended to uniform lump-free consistency (approximately 3 - 4 minutes).

Coating

- Apply VINLASTIC® with a brush, roller or airless spraying machine at least 2 coats on the surface of substrate. Apply VINLASTIC® to all corners, joints, construction joints before covering the entire surface.
- Applying first coat when the surface is still wet.
- Applying the second coat at right angles to the direct first coat, immediately after the first coat drying.
- VINLASTIC® should be applied within 90 minutes from mixing.

TECHNICAL SPECIFICATIONS

PROPERTY		UNITS	TESTING METHOD	SPECIFICATION
Product form	Part A	-	-	Milky liquid
	Part B	-	-	Grey powder
Colour		-	-	Grey
Density of mixed material		g/ml	ASTM D1475	1.80 ± 0.10
Applying temperature		°C	-	5 ÷ 45
Drying time		Hours	-	24 ÷ 48
Hardness, Shore A		-	ASTM D2240	90 ± 15
Tensile strength		MPa	ASTM D412 – 6a	≥ 0.9
Elongation at break		%	ASTM D412 – 6a	≥ 35
Adhesion to concrete		MPa	ASTM D4541	≥ 0.5



VIETSTAR INDUSTRY JOINT STOCK COMPANY

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PROTECTING VINLASTIC COATING

Applied coating must be protected to avoid damage during construction.

CLEAN TOOLS AND EQUIPMENT

Clean all tools and equipment promptly with clean water.

PACKAGE

VINLASTIC® is supplied in a kit of 2 parts.

- Part A: 10 kg/ plastic pail.
- Part B: 25 kg/ Kraft bag.

SELF LIFE

For 12 months after date of manufacture if it is in tightly closed original packing and kept regularly.

STORAGE

Dry, cool.

HEALTH AND SAFETY INFORMATION

- Ecology: According to local law.
- Transportation: Non-hazardous.
- Toxic: Nontoxic.
- Part B can cause skin irritations to persons with sensitive skin. Wearing gloves and masks while handling the product.



The information, and, in particular, the recommendations relating to the application and end-use of VIETSTAR products, are given in good faith based on VIETSTAR's current knowledge and experience of the product when properly stored, handled and applied under normal conditions in accordance with VIETSTAR's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. VIETSTAR reserves the right to change the properties of its products. Users must always refer to the most recent issue of the local Technical Data Sheet for the product concerned, copies of which will be supplied on request.



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