

VINCOAT™

Water based polymer modified bitumen waterproofing coating.

DESCRIPTION

VINCOAT is a water-based polymer modified bitumen elastomeric coating for waterproofing and protection. The product is easily applied on both vertical and horizontal substrates and forms a seamless, elastic membrane.

Apply with brush, roller or airless spraying in two or more coats. The quantity applied is depending on the final use requirements.

RECOMMEND FOR

Waterproofing and Protection of:

- Concrete roof, balcony, kitchen, bathroom, laundry, wet areas.
- Basement wall, lift pit, exterior wall of water tank.
- Concrete bridge, sewer and drain.
- New or old bitumen waterproofing coats.
- Use as a primer for bitumen waterproofing sheet.

LIMITATIONS

- Not recommended for too unsound substrates.
- Do not apply under conditions of extreme wet weather or imminent rain or near freezing temperature.
- When covering cracks bigger than 1.5 mm, **VINCOAT** may be reinforced with non-woven polyester tissue. In such cases, at least three coats of the product are required.
- Coating thickness should not be too excessive in order to avoid long drying time.

ADVANTAGES

- Easy to apply and repair by spray, brush, roller or trowel.
- High adhesive.
- Seamless waterproofing membrane system.
- Eco-friendly (water-based).

APPLICATION PREREQUISITES

Successfully applied on:

Concrete, fibrous cement, cement roof tiles, brick, cement mortar, bitumen. For information about other substrates, please contact our tech department.

Standard concrete substrate conditions:

- Surface humidity: $W < 10\%$.
- Temperature: $5 \div 40\text{ }^{\circ}\text{C}$
- Relative atmosphere humidity: $< 85\%$.

APPLICATION PROCEDURE

❖ Surface preparation

Preparation of the substrate is an integral part of all waterproofing.

- Remove loose and deteriorated materials using high pressure washer if possible or mechanical wire brushing.
- Remove efflorescence, mold, and mildew, dust, dirt, laitance and standing water prior to coating application.
- Fill the trace of chiseling, holes with mortar (ratio cement/sand: 1/2) with **HYPERLATEX™** bonding agent.

❖ Apply VINCOAT

Use a low speed (300 rpm) mixer or manual mixing tool before application. Apply **VINCOAT** with brush, roller or airless spraying in two or more coats on the surface of the subject. Apply **VINCOAT** to all corners, joints, construction joints before covering the entire surface.

- Dilute **VINCOAT** with 10÷20% water for the first coat as primer.
- Apply the 2nd coat (without thinning) after the 1st coat.
- Follow the above directions to the 3rd layer, if any.

CONSUMPTION

- Primer: $0.2 \div 0.3\text{ kg/m}^2$
- Main coat:
 - + Horizontal surfaces: $0.4 \div 0.6\text{ kg/m}^2$ / 2 coats
 - + Vertical surfaces: $1.0 \div 1.4\text{ kg/m}^2$ / 2 coats

CLEANING

Clean all tools and equipments promptly with clean water.

PACKAGING

Plastic pail: 18 kg



VIETSTAR INDUSTRY JOINT STOCK COMPANY

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SELF LIFE

The self-life of **VINCOAT** is 24 months minimum in its original unopened pail in a cool and dry place. Once opened, the self-life will be shorter so that use as soon as possible.

In liquid form (before application):

PROPERTY	UNITS	TESTING METHOD	SPECIFICATION
Product form	-	-	Viscous liquid
Colour	-	-	Dark brown
Denisty	g/ml	ASTM D1475	1.2 ± 0.1
Solid content	%	ASTM D 2939	> 55

In cured form (after application):

PROPERTY	UNITS	TESTING METHOD	SPECIFICATION
Drying time	Hour	ASTM D2939	24
Time between two coats	Hour	-	3 ÷ 4 (depending on temperature)
Application temperature	°C	-	5 ÷ 45
Service temperature	°C	-	-15 ÷ 85
Hardness Shore A	-	ASTM D2240	25 ± 10

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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