



# Vetoprime UP170

Heavy duty polyurethane primer for Vetotop flooring & coating systems

## Uses

- As a primer to contentious substrates to reduce porosity and air release prior the application of Vetotop flooring and coating systems.
- As a primer on steel substrates for use with polyurethane coating systems Vetotop UL171 and Vetotop US172.

## Product Description

Vetoprime UP170 is a low viscosity solvent free primer based on Vetonit's heavy duty polyurethane resin binders. Vetoprime UP170 is not designed for stand alone use and must be overlaid by the appropriate Vetotop coatings. The product comes in 3 components that need to be mixed completely using a suitable mixing paddle fitted to a slow speed mixer (300-500 rpm) prior to application.

## Advantages

- Easily applied by brush and steel trowel.
- Designed for highly porous surfaces.
- High wetting properties.
- Damp tolerant.
- Cost effective, suitable for use in MENA region conditions.

## Technical Data

Vetotop UP170	Typical Values
Potlife @ 25 °C	30 minutes
Tensile Strength (ASTM D638-14)	6 MPa
Concrete Adhesion (ASTM D7234-12)	Concrete fails
Coeff. Thermal Expansion (ASTM C531)	$2.4 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$
Water Absorption (CP.BM 2/67/2)	0 mL
Surface Spread of Flame (BS476:Part7)	Class2
Application Temperature	10 °C to 60 °C
VOC	2 g/L
Open Time (Recoating Time)	
@ 25 °C	8 hrs
@ 40 °C	4 Hrs

## Usage Instructions

It is essential that Vetoprime UP170 is applied to a sound, clean and dry surface in order to achieve maximum bond strength between substrate and coating/repair products.

### Concrete Substrates

surface should be at least 5 days old and visbly dry with no standing water. Laitence deposits on new concrete are best removed by light grit blasting, mechanical scabbling or grinding.

Where heavy contamination by oil and grease has occurred or existing coatings are present, it is essential that all contaminations are removed.

### Priming

Mix Vetoprime UP170 as supplied. Mix thoroughly for about 2 minutes by electric drill with spiral mixing paddle. Once mixed, the Vetoprime UP170 shall be immediately applied in a thin continuous film using stiff brushes or rollers. Brush well into the sides and floor of the anchor grooves. Avoid over-application and puddles.

Vetoprime UP170 shall be allowed to become tack-free prior to the application of Polyurethane coating (unless otherwise specified) but well within the open time specified for the given temperature. The hotter the substrate, the more quickly the primer will become dry.

### Cleaning

All tools and equipment shall be cleaned immediately after use with water.

### Curing

Vetoprime UP170 shall be allowed to become tack-free prior to the application of Polyurethane coating (unless otherwise specified) but well within the open time specified for the given temperature.

Defects in the primed surface, such as blow holes in the surface as a result out of bleed run pores in the substrate, should be remendied prior to overlaying. Failure to do so may lead to surface defects in the finished floor.

If the time between coats exceeds 48 hours, or if condensation or water impacts the surface, fully abrade the surface. This will normally mean that the floor must be reprimed.

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## Packaging & Coverage

Product	Pack Size	Coverage
Vetoprime UP170	3kg kits	10 m <sup>2</sup> per 3kg kit

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

## Shelf Life & Storage

Original sealed container of Vetoprime UP170 has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

## Health & Safety

Vetoprime UP170 is non-flammable.

Refer to Material Safety Data Sheet for further information.

## Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Concrete Repair, Grouts and Enhancement.
- Wall & Facade Systems.
- Flooring and Coating Systems.
- Sealants and Joints.
- Plasters & Renders.
- Putties & Finishes.
- Tiling Systems
- Waterproofing.
- Primers & Ancillary Products.
- Specialty Products.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

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