

EstoWrap Primer

Description

EstoWrap Primer is a two component solvent-less epoxy system which when mixed yields a penetrating medium viscosity primer.

Uses

For use as a primer prior to the use before apply Estowrap Resin in FRP system ESTOP. (Estowrap, Estoglass and Esto Aramid Fiber)

Advantages

- **Excellent adhesion to concrete substrate** – Ensures transfer of loads
- **Solvent free** – Low VOC and non-shrink
- **Pre-packaged** – avoids on site errors ensuring quality control
- **Cures at low temperatures** – suitable for a range of climates

Properties

Coverage	0,3 kg / m ²
Pot life	40 minutes at 25°C
Tack free time	6 hours at 25°C 3 hours at 40°C
Tensile strength, ASTM D638	>40 Mpa
Flexural strength, ASTM D790-15	>75 Mpa
Adhesive bond strength on concrete , ASTM D7234	>5.0 Mpa concrete failure
Compressive strength, ASTM D695	>90 Mpa
Shear adhesive strength, ASTM D1002-10	>10 Mpa

Do not apply **EstoWrap Primer** if ambient temperature is less than 5°C.

Application

Surface Preparation

Remove all grease, oil, dust residual curing compound, mold release agent or other contaminants that could impair adhesion.

Spalled concrete should be cut back to sound concrete and made good using suitable Estop repair products.

Laitance should be removed preferably by light sweep blasting or hydro-jetting. Mechanical wire brushing may be appropriate for small areas. Apply **EstoWrap Primer** as primer using roller or brush and wait until dry for the next application

Mixing

Mechanically mix base before adding hardener. When component B has been added, mix for approximately 2 minutes or until a homogenous mix has been obtained.

Application of EstoWrap Primer.

Apply **EstoWrap Primer** by brush or roller to the prepared substrate at a coverage of 0,3 Kg/ m². Only mix as much primer as can be applied within its potlife. Allow to become tack free before application of the **EstoWrap Resin**.

Estimating Data

Typical consumption of 0,3kg/m² however actual consumption will vary as per the substrate conditions.

Packaging

EstoWrap Primer is available in 15kg sets.

Shelf Life

EstoWrap Primer can be stored in tightly closed original containers for 12 months at a moderate temperature.

Precaution

For the full health and safety hazard information and how to safely handle and use this product please make sure that you obtain a copy of the ESTOP Material Safety Data Sheet (MSDS) from our office or our website.

Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.