

Estoseal T600

Multi-Component, Polysulphide Sealant

Description

Estoseal T600 is a multi-component, low modulus, chemical cure polysulphide joint sealant developed specially for dynamic joints. It is based on a liquid polysulphide polymer which when mixed with the hardener, cures to form a tough rubber like seal. **Estoseal T600** exhibits excellent adhesion to most surfaces and has good resistance to most chemicals and weathering conditions.

Uses

Sealing movement joints in building and civil engineering structures, including superstructures, reservoirs, floors, basements and subways.

Advantages

- Forms tough, elastic, rubber like seal.
- Accommodates continues and pronounced cyclic movement.
- Excellent adhesion to most common substrates.
- High resistance to ageing reduces physical damage due to climatic extremes.

Standards Compliance

- **BS 4254**
- **BS 6920**

Physical Properties

Form	Two part, paste compound
Colour	Grey
Solid Content	100%
Density	1.30 – 1.50 kg/litre
Application Temperature	5 – 50°C
Physical or Chemical Change	Chemical cure
Movement Accommodation Factor BS 6093	Butt joints 25% Lap joints 50%
Pot Life	2 hours at 35°C
Cure Time : Initial Cure Final Cure	24 hours at 25°C 7 Days
Shore 'A' Hardness at 25°C	15 ± 5

Chemical resistance to occasional spillage	Aviation fuels Hydraulic fluids Skydrol Kerosene Petrol Diesel fuels Synthetic oils Mineral oils White spirit Mild alkalis Dilute acids Lubricating oils Chlorinated solvents Aromatic solvents Dilute oxidising acids	resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant
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Application Instructions

Joint Preparation

Joint sealing slots in concrete should be accurately formed and must be dry, sound, clean and free from dust. Remove all dust and laitance by grit blasting or grinding. Avoid polishing the joint sides when grinding. The prepared sealing slot should be blown out with dry, oil-free compressed air.

Ensure that any expansion joint filler is tightly packed in the joint and at the required depth to provide the specified seal dimensions. Before sealing insert a cord or bond breaker caulked tightly into the base of the sealing groove to prevent sealant adhering to the base of the slot.

Priming

Primer **Estop Primer S8** should be applied to clean, dry surfaces prior to installation of backer rod or bond breaker tape.

Mixing

Mix all the base component with curing agent by using a hand held, slow speed drill (300 to 400 rpm). Mix for approximately 3 minutes until evenly and thoroughly mixed.

In cold weather, **Estoseal T600** mixes more easily if stored overnight at room temperature.

Application

The mixed sealant may be poured directly from the tin by bending the side to form a pouring lip. Apply mixed sealant into the sealing slot so that the finished level of the seal is recessed below the trafficked surface as specified.

Limitation

Estoseal T600 with **Estop Primer S8** is not compatible with bituminous surfaces.

Packing & Size

Estoseal T600	2.5 Litre
Estop Primer S8	1 litre tin

Guide to Estoseal T600 Quantities

Joint size, mm	Metre per 2.5 litre pack
10 x 10	25.00
20 x 20	6.25
25 x 25	4.00
30 x 25	3.33

* No allowance has been made for wastage.

Technical Support

Estop offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

Storage

Storage life of 12 months when stored in original container in cool, dry condition not exceeding 25°C. Storage above this temperature may reduce storage life.

Precaution

Health and Safety

Curing agent of **Estoseal T600**, **Estop Primer S8** and mixed product may cause sensitisation by inhalation. Avoid contact with skin and eyes and inhalation of vapour. Wear suitable protective clothing, gloves and eye/face protection.

Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

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.