



Hydraflex 150

One-component Polyurethane Elastic Sealant

Description

Hydraflex 150 is a one-component low modulus polyurethane sealant curing via air humidity to form a highly elastic weather proof seal. It is resistant to water, diluted alkaline solutions, lime water, liquid cleaning solutions. Hydraflex 150 is temporary resistant to fuels, mineral oils, fats, sulfates and low concentrations of organic solvents and organic acids.

Object

Hydraflex 150 is used for sealing joints where a permanently flexible seal is required e.g. expansion and construction joints in pre-cast, parapets, brick and block work, window and door permanent sealing, acoustic jointing, marble, granite, G.R.C. facades, external cladding curtain walls and repair work on cement bound building elements may only be treated.

Advantage

- One-component, ready for use
- Easy application
- Permanently elastic.
- Excellent adhesion to cement bound construction materials, artificial stone, Eternit, steel, non-ferrous metals, wood, numerous synthetic materials, glass, ceramics etc.
- Very good ageing and weathering resistance
- Economical (big yield thanks to low specific weight)
- Suitable for both dry and damp surfaces
- Non-staining

Instruction for Use

- Clean all joints by removing foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, old sealants and any protective coating. Porous substrates should be cleaned as necessary by grinding, saw cutting, blast cleaning (sand or water), mechanical abrasion or combination of these methods to provide a sound, clean and dry surface for sealant application. Dust, loose particles, etc. should be blown out of joints with oil-free compressed air or vacuum cleaned. Non-porous and plastic surfaces should be cleaned by a solvent procedure or by mechanical means.
- Hydraflex 150 PU sealant may require primer for masonry, steel and most common building materials. Joints must be thoroughly dry before applying primer and sealant. If sealant is to be applied to a material with specially treated surfaces it is always recommended that a bead of sealant be applied on the surface to test adhesion. Apply primer a min. of 30 minutes and a max. of 6 hr. Primed areas not sealed within 6 hours should be re-prepared and primed.
- In stall back-up material or joint filler as specified. Apply Hydraflex 150 polyurethane sealant in a continuous operation using a positive pressure adequate to properly fill and seal the joint.

Characteristics

Elongation :	400 %
Color :	Grey , White
Setting Time :	1.30 Hr.
Density :	1.2 kg./L.

Packing

600 cc./Cartridge

Precaution

Hydraflex 150 can cause an allergic reaction after prolonged contact with sensitive skin. Therefore avoid contact with skin and use protective ointment. Rubber gloves and protective clothing are recommended. After contact with skin wash immediately with plenty of water and soap. Do not use solvents. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Ensure good air circulation in the room

Storage

Hydraflex 150 must be stored in air tight containers. Contact with atmospheric moisture causes a reaction which results first in an increase in viscosity and then in gelling. Storage at high temperatures also results in an increase in viscosity. For this reason, Hydraflex 150 should be stored in a cool place. At temperatures below 0 ° C some of the product may crystallize. However, it can be rectified by careful heating. When stored under the proper conditions in its sealed original containers, Hydraflex 150 will remain stable for at least 6 months.

Cleaning

An application implements must be cleaned immediately after use with Xylene and at intervals during application. Cured material can only be removed mechanically or by burning off.

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