



ISO Hypercoat Waterstop

THE ORIGINAL
ISO PAINT
QUALITY INSIDE

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Product description:



Hypercoat waterstop is a waterproof rendering for outdoor weather-proofing of houses: Flattroofs, walls, roofs, fences, etc...

Hypercoat waterstop is a semi-thick, ready-to-use water-based Hybrid Alfa Silicone/Rubber product. Durability of up to 20 years.

Hypercoat waterstop is applied in one or several coats on the surface and cures to form a film with outstanding strength and elasticity which neither peels nor cracks. Hypercoat waterstop has excellent resistance to ageing and ultra-violet radiance.

Particular properties: Hypercoat waterstop is a semi-thick product, and can therefore be applied using a paintbrush, a roller or a spatula, and by spraying. Hypercoat waterstop offers primerless adhesion on a wide variety of building and roofing surfaces such as: metal, wood (treated or untreated), bitumen coating, tile, concrete, Bitumen Coating, EPDM, TPO ...

Hypercoat waterstop has high elasticity even under climatic variations. It does not harden under cold conditions. It is therefore unnecessary to use reinforcing tape in most cases.

Hypercoat waterstop has very high stability to temperature variations (from -55°C to $+160^{\circ}\text{C}$), to UV radiation and to external chemical attack. Due to its water based technology, Hypercoat waterstop has a number of remarkable properties making it an outstanding product:

Quick and easy to use (without heating or bonding): tools are cleaned with water.

- Odourless drying and curing without release of chemicals.
- Application possible on damp surfaces.
- On a cleaned surface 1 layer is enough
- Environment friendly

Applications:



Iso Hypercoat can be used to weatherproof:

- Cracked and broken building materials.
- Chimney stacks.
- Corrugated or plate roofing materials: zinc, steel, fibro-cement, concrete, EPDM and TPO
- Façade and roofing panels against water infiltration.
- Zinc guttering, down-pipes, ventilation ducts.
- Wooden fences, garden sheds.

Processing Surface preparation:



The surfaces must be clean, and free from dust, grease and any substance which may affect product adhesion. All loose materials must be removed by brushing, scraping, HyperCleaner or with high pressure water. New concrete and mortars must be at least 28 days old.

Benefits:

Waterproofing

1 coat only

Waterbased

For all roofs

Easy to apply



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Product application:



Mix the product well before using. Iso HyperCoat is applied using a brush, roller or spatula, and by spraying in either one or more coats. Excess uncured product and tools should be cleaned with water.

Drying and curing:

The product can be considered tack free 3 hours after its application (at a temperature of 22°C and a relative humidity of 55%). In that case, Hypercoat waterstop is capable of resisting heavy rain without any consequences. However, if it rains too hard and too quickly after application, the latter will still be partly water dispersible and may be washed away in the run-off.

Painting:

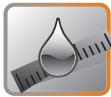
A pre-test is recommended on a small surface.

Consumption:

Consumption can vary per coat from 0.5 to 1.2 kg/m² according to surface porosity and roughness and according to the nature of the parts to be treated.

For a 1 mm coat, the consumption is 1.2 l/m².

Limits of use:



Hypercoat waterstop should not be used when temperatures less than 0°C are expected in the 24 hours following application.

The higher the air hygrometry and the lower the temperature, the slower Hypercoat waterstop dries. This means that during periods of high humidity, it is recommended not to apply one coat on top of another until the previous one has fully dried.

Hypercoat waterstop is not recommended on materials where migration of components can take place.

Iso HyperCoat Waterstop are not recommended for repair work in ponds or swimming pools.

Characteristics:



1. Before curing

Type of product: Emulsion

Specific gravity (non cured), approx: ca. 1.29

Solids, % approx: 72

Tack free time*, h, approx: 3

Application temperature, °C: +1 to +45

2. After Curing

Hardness (ASTM D-2240), Shore A aprox: 22

Operating temperature, °C: -55 to +160

Mechanical properties on 2 mm film:

Tensile strength, MPa: 9

Elongation at break, % approx: 450

(according to NF T 46002) at 20°C and at 22 at a temperature of 22°C and 55% relative humidity



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