

THIXO-TOOL

Revolutionary rheology modification additive for HYPERDESMO® range of products

DESCRIPTION

THIXO-TOOL is a unique additive developed by ALCHIMICA™ in order to solve application difficulties of **HYPERDESMO®** System range of products in severely inclined, uneven or completely vertical substrates.

The recommended addition ratio is 10-30% depending on the surface inclination, substrate condition and desired final consumption.

THIXO-TOOL can be used alongside **ACCELERATOR 3000A** when the use of the latter is recommended.

THIXO-TOOL should not be used with any of the bitumen extended products in the HYPERDESMO®-PB range, one or two component.

FEATURES & BENEFITS

The product is available in 1Kg plastic sausages that allow easy addition to **HYPERDESMO®** without significant loss of product.

THIXO-TOOL is a product that although greatly enhances the thixotropic properties of the **HYPERDESMO®** range of products, it does not affect in the slightest the final viscosity of the product.

RECOMMENDED FOR

Increasing the thixotropy (reducing the self-levelling characteristics) of **HYPERDESMO®** range of products.

For example:

- **Waterproofing and protection of PU foams.** The non-smooth final surface of the foam makes the application of standard **HYPERDESMO®** difficult, as the coverage is not homogenous. In the hills,

you will not have enough product and in the troughs, there will be an excess of material that may lead to bubbling.

- **Waterproofing of flashing details on a roof.** Usually these points need several coats of **HYPERDESMO®** in order to achieve the minimum film thickness. By using **THIXO-TOOL** the application on these points can be done in 1-2 coats maximum.
- **Waterproofing and protection of a roof where the substrate is very uneven.** As in the case of protection of PU foam mentioned earlier, when a substrate is uneven it is difficult to achieve a uniform thickness of the membrane. By using **THIXO-TOOL** you can modify the rheology of the **HYPERDESMO®** so that all areas are covered at a uniform consumption.
- **Waterproofing and protection of corrugated metal roofs.** This application may prove difficult using self-levelling products, as once again you will have uneven consumption of material. By using **THIXO-TOOL** you can modify the rheology of the **HYPERDESMO®** so that all areas are covered at a uniform consumption.

APPLICATION

Open the can of **HYPERDESMO®** and mix thoroughly before adding **THIXO-TOOL**. Open the sausage of **THIXO-TOOL** and empty desired amount by hand into the pail (left over material can be sealed and stored for later use).

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Addition of **THIXO-TOOL** depends on specific project requirements, but the recommended amounts is 10-30%.

Mix the **THIXO-TOOL** by a low speed mixer, careful not to introduce air. Apply final material as described in the Technical Data Sheet at time of purchase.

PACKAGING

1 Kg sausages

SHELF LIFE

12 months minimum in the original packaging when stored in dry places and at temperatures of 5-25 °C.

TECHNICAL SPECIFICATIONS

| PROPERTY | UNITS | METHOD | SPECIFICATION |
|-------------------------|--------------------|--|---------------|
| -Viscosity (BROOKFIELD) | cP | ASTM D2196-86, at 25°C | 9,000-12,000 |
| -Density | gr/cm ³ | ASTM D1475 / DIN 53217 / ISO 2811, at 20°C | 1.80-1.90 |
| -Solids | % | - | 100 |

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