



DSF 300 FLEX HYDROSTOP **BRUSHABLE WATERPROOFING** **MEMBRANE**

DESCRIPTION

DSF 300 Flex Hydrostop is an elastic, ready-to-use, one component liquid waterproofing membrane

based on a synthetic dispersion, fillers and special additives.

FIELDS OF APPLICATION

DSF 300 Flex Hydrostop is suitable for:

- seamless and jointless waterproofing on horizontal and vertical substrates in case of subsequent tiling in wet-duty rooms, showers, toilets, laundries.
- waterproofing of concrete or floor screeds on terraces and balconies in case of subsequent tiling.

After complete drying (24 hours after application), the liquid membrane can be directly covered with ceramic tiles, using cement based polymer modified elastic tile adhesive.

ADVANTAGES - FEATUTURES

- Excellent sealing.
- Easy application.
- Bridging microcracks.
- Strong adhesion to the substrate.
- Resistance to moisture and vapor.
- High elasticity.
- Resistance to oil and solvents.
- Resistance to ageing.
- It doesn't shrink.

SUBSTRATE PREPARATION

DSF 300 Flex Hydrostop is applied on any dry mineral substrates like concrete, floor screeds, wall building materials, mortars, gypsum boards, metal sheets. Ground-contacting surfaces must be dampproofed to

prevent rising dampness. First apply and bond the sealing tapes **THRAKON F-12/7** or **THRAKON KF-12/7** in the "floor-wall" or "wall-wall" connections.

APPLICATION

The substrate must be dry, solid, stable and free of dust, dirt, oil, grease and loose particles. **DSF 300 Flex Hydrostop** is applied in two layers by brush or roller. Before application of **DSF 300 Flex Hydrostop** the substrate is primed with acrylic primer **THRAKON DSF 305** or **GLX 292 FLEX PRIM**. Remove oil and grease before application of **DSF 300 Flex Hydrostop** on metal surfaces. A suitable anti rust primer should be applied to prevent rust formation. **DSF 300 Flex Hydrostop** is applied in a first undiluted coat with a roller or a brush.

After complete drying a second undiluted coat is applied. Do not apply **DSF 300 Flex Hydrostop** on wet and damp surfaces. During and till after 3 hours from the application of the product the ambient temperature should not be below +5°C. Do not dilute **DSF 300 Flex Hydrostop** with water or mix it with other material. Stir well the product with an electric mixer before application. Do not apply **DSF 300 Flex Hydrostop** in direct sunlight, very high temperatures (over 30°C) and strong wind. Avoid working under rain or frozen substrates.

PACKAGING - STORAGE

DSF 300 Flex Hydrostop is packed in 20 kg and 6 kg plastic buckets in a dry environment with temperature

above 0 °C for 12 months from the production date.

NOT RECOMMENDED

- swimming pools and areas which are permanently under water.
- direct use - a ceramic covering is to be laid subsequently on the top of the product.

PRECAUTIONS

Protect eyes and skin. In case of contact rinse thoroughly. In case of contact with eyes, seek immediate medical advice. Read the information on the label and Technical Brochure

product before use. Wear appropriate protective clothing and gloves. The Material Safety Data Sheet of the product is available upon request to professionals.

TECHNICAL CHARACTERISTICS	UNITS	VALUE
Form		Thick
Color		Light blue
Density	(gr/dm ³)	1,55-1,65
Drying time	(h)	2-6
Application temperature	(°C)	>+5
Consumption per two coats	(Kg/m ²)	1,6-2
Elongation at break	(%)	>300
Setting time (+20°C και 50% RH)	(h)	Aprox. 10-12
Water tightness		Excellent
Adhesion strength on the substrate		Excellent
Resistance to vapor and humidity		Excellent
Resistance to ageing		Excellent
Resistance to oils and solvents		Excellent
Shrinkage		No
Elasticity		Yes
Flamability		No

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50% and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite such as temperature, humidity, ventilation, sub-layer and frame absorbance.