










Flexsol®698

New generation of spray applied waterproofing membranes

The label Flexsol® stand for a range of spray applied membranes with crack bridging capabilities. FlexSol® is a Polyurea Hybrid resin which combines the advantages of Polyurea with the advantages of Polyurethane.

Flexsol®698 is a two component solvent free Hybrid resin. The reactivity requires special spray equipment - but no heated systems. The outstanding properties make FlexSol® 698 a unique material for a wide range of applications.

Benefits!

	Provides easy solutions
	Crack bridging
	Horizontal and vertical application
	Monolithic application without gaps and joints
	Excellent adhesion on many surfaces (special primer may be required)
	Resists standing water
	High mechanical strength

Field of Application

The wide range of different application possibilities combined with easy and efficient application makes Flexsol®698 a unique material. The application ranges from industrial floors, warehouses and channels to roofs, terraces and decks, hangars for planes as well as pools and water tanks.

Preparation Procedure

The usual demands for coating systems apply to Flexsol® 698 as well. The substrate must be stable (minimum even/mm²), clean and free of separating substances. Fresh concrete should be set at least for 28 days before treatment. Residual moisture max. 4% and 3°C above the dew point.

The standard primer is DuroFlex®671, a 1 component material.

Flexsol®698 is UV stable and doesn't need an additional UV protection layer. To avoid colouring because of UV strain an additional Top Coat is recommended.

Technical Data

Flexsol® 698 A	Polyurea Hybrid resin
Flexsol® 698 B	Polyurea Hybrid hardener
Colour	Light beige
Mixing ratio	1:1 (volume)
Density Mix	1,1 +/- 0,10 g/ml
Viscosity A	380 - 450 mPa.s / 20°C
Viscosity B	410 - 460 mPa.s / 20°C
Gel-Time	3-5 s, 20°C
Substrate temperature	+10°C - +35°C
Consumption	1,1 kg / mm layer thickness and m ²
Minimum thickness	2-3 mm.
Consumption	~ 2,2 - 3,3 kg/m ²
Primer	Depends on surface

Additional information

- Do not apply if the ambient and substrate temperature is below the specified limits.
- The material should be protected from direct water contact for at least 24 h after application.
- The maximum humidity allowed is 90%.
- Setting time is influenced by temperature, we recommend to allow the material to adjust to site temperature before application

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

ATI-698
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ARCAN Waterproof

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