

Fasatop FH (FH = flame retardant) comprises PES fleece and an innovative, breathable polyurethane coating, offering long-lasting UV protection and improved flame resistance. The new Fasatop FH-Standard confirms to increasing requirements of higher fire safety.

Driving rain and drifting snow are effectively kept away from the insulation level. The smooth surface of the façade sheet allows any occurring or penetrating moisture to run off safely and securely.

Fasatop FH-Standard is highly breathable, so that moisture can escape reliably from the insulation beneath it.

The underside of the foil, can be glued very well onto most standard construction substrates using our system adhesives Fasatop TFH adhesive.

The specialist regulations of the latest version of the ZVDH Central Association of German Roofers and our processing notes must be observed regarding processing together with all other applicable manufacturing guidelines and regulations.

Advantages:

- High UV resistance
- High breathability
- Windproof surface
- Black surface
- Insulation protection from drifting snow and driving rain
- Reliable drainage of occurring moisture
- Fast, cost-efficient processing



Technical data:

Fasatop FH-Standard

PES fleece with PU sealing layer

Surface weight		approx. 190 g / m ²	EN 1849 – 2
Fire behaviour		Class B-s1, d0	EN 13501
Water tightness		requirements met for W1	EN 1928
2 kPa water pressure			
Water vapour diffusion equivalent air layer thickness		s _d = 0.32 m	DIN EN 1931
Maximum tensile force	lengthwise	approx. 340 N / 5 cm	EN 12311 – 1
	crosswise	approx. 240 N / 5 cm	EN 12311 – 1
Extension at max. tensile force	lengthwise	50 %	EN 12311 – 1
	crosswise	70 %	EN 12311 – 1
Tear resistance	lengthwise	210 N	EN 12310 – 1
	crosswise	300 N	EN 12310 – 1
Water pressure resistance		> 400 cm WS	
Temperature resistance		- 40 °C to + 80 °C	
Air tightness		0.01 m ³ /(m ² ·h·50 Pa)	
UV resistance		at least 10 years	
		(does not comply for outdoor exposure, but is only valid for partially open façade sheets with a maximum joint proportion of 40 % and a maximum joint width of 50 mm)	
Outdoor exposure uncovered		28 days	
Width		50 mm to 1500 mm	
Roll length		50 m	

Areas of application:

Fasatop FH can be used for all Hanging, ventilated facades with a maximum proportion of joints of 40 % and a maximum clear joint width of 50 mm.

Processing notes:

The inner seal must be more vapour diffusion-proof than the outer seal. Therefore Fasatop FH is excellent suited for the outer seal. For the inner seal a product must be used which is more vapour proof, e. g. Fasatyl®.

First of all ensure that the joint gap is well insulated with appropriate material (mineral wool or similar) when sealing to avoid thermal bridges and interior temperatures dropping below the dew point.

Please observe the following instructions when bonding membranes on-site with **Fasatop TFH adhesive**:

- Check the adhesive compatibility of the subsurface.
- The undergrounds must be clean, dry, solvent-, grease- and oil-free.
- The seam overlap of individual sheet widths should be at least 10 cm and with adhering holohedral.
- All edges, seams and joints have to be bedded into excess Fasatop TFH adhesive with a spatula in order to prevent Fasatop FH from penetration of any humidity.

Please observe our technical instruction sheet specifications and the adhesive processing notes!

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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