



Qu-Air Pro DUO (High Tack) – Window Membrane



The Qu-air Pro DUO (High Tack) consists of a vapour permeable coated fleece. Fully adhesive on side 1 and a self-adhesive strip applied to side 2, which aids in the installation to the Window Frame Edge or Face.

The width of the adhesive strip applied to side 2 can be amended to suit application.

Rain or powdery snow are retained by the film. The surface of the façade membrane ensures that driving rain and moisture run off the façade safely and reliably. The foil is supplied self-adhesive with a two- or three-part protective paper to simplify the application of the foil.

Advantages

- ✓ Vapour Open
- ✓ Plasterable
- ✓ Driving rain and windproof surface
- ✓ Black Surface
- ✓ Very powerful, self-adhesive surface
- ✓ No construction adhesive required =>very fast and cost-efficient installation
- ✓ Self-adhesive performance largely built up after 60 minutes
- ✓ Full adhesive strength achieved after approximately 3 days
- ✓ Easy installation possible, even on difficult substrates

Technical Properties

Property	Value + Unit
Product	Coated Fleece (felt)
Weight (DIN EN 1849-2)	120 g/m ² +/- 10%
Fire Class	E
Resistance to water penetration	W1
Water Column Testing (DIN EN 20811)	>400cm WS
µd Value	2m +/- 0,50
UV Resistance	3 Months
Airtightness (DIN EN 12114)	<0,01 m ³ /(h.m)
Aging test foil according to IFT guideline MO-01/1:1007 due to alternating tensile and compressive forces of ± 100 kg/m ² film.	Passed V50<0,01m ³ /(h.m)

Application Examples

Air and driving raintight finish for:

- Joinery (aluminium, Wood, PU, PVC)
- Precast Concrete Sandwich Panels
- Concrete Joints
- ICF Blocks
- Curtain Walls
- Frames
- OSB
- Façade Claddings
- Connections with our sealing films

Water tightness against driving rain (DIN EN 1027)	>1200 Pa
Temperature resistance	-40°C to +80°C
Tensile Strength (DIN EN 12311-2/A) ➤ Lengthwise ➤ Crosswise	210 N/50 mm ±30 140 N/50mm ±20
Elongation at Break (DIN EN 12311-2/A) ➤ Lengthwise ➤ Crosswise	110% ±30 130% ±30
Storage Life	Unlimited (*) (*) store in closed box, at room temperature (21°C and 50% relative humidity

Property	Value + unit
Adhesive	Very strong solvent-free acrylic dispersion
Adhesive Carrier	Polyester tissue
Weight	230 g/m ²
Protective Layer	PP-silicone foil
Thickness (without adhesive)	±0,23mm
Adhesive strength (DIN EN 1939 (2003)	≥ 35N/25mm
Dynamic shear resistance (internal test)	≥ 15N/cm ²
Temperature resistance	-40°C to ±100°C
Aging Resistance	Very good

The length tolerances of the foils are according to DIN 7715 Width tolerances: ±2.50mm