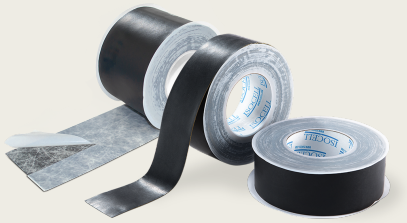

Technical data sheet

OMEGA UVKB Facade Tape

To guarantee air and wind-tightness for the skin of a construction it must have the appropriate foils or panel materials providing a permanent seal at overlaps, gaps, joints and penetration points. OMEGA Facade Tape is permanently UV-resistant, tear-resistant with adhesive generously applied and is suitable for a variety of bonding applications.

Advantages

- tear-resistant
- strong adhesion
- permanent UV-resistance
- highly water-resistant adhesive
- prefolding also possible (20/40)

Field of application

- for seals at overlaps, gaps and penetration points of membranes or boarding
- system adhesive tape for OMEGA G20 and G50 facade membrane
- indoor use possible
- optimised for demanding outdoor use
- with pre-folding: for inside corners in outdoor areas

Recommended products

	OMEGA UNI Primer Spray
	AIRSTOP ROLL Pressing Roller

Available dimensions

Article number	Type	Roll width	Roll length	Split liner	Carton
30MFA53	-	53 mm	25 m	-	8 rolls
30MFA60	-	60 mm	25 m	-	8 rolls
30MFA60G	Liner division	60 mm	25 m	20 / 40	8 rolls
30MFA60VG	Pre-folded	60 mm	25 m	20 / 40	6 rolls
30MFA100	-	100 mm	25 m	-	4 rolls
30MFA100G	Liner division	100 mm	25 m	40 / 60	4 rolls

Technical data

Material composition	Tear-resistant system adhesive tape with acrylate adhesive. Base material has a permanently UV-resistant coating	Thickness	0.5 mm
Temperature resistance	-40–100 °C	Working temperature	-5–40 °C
Shelf life	2 years	Colour	Black
Storage	cool and dry	Fire performance (EN 13501-1 / EN 11925-0)	B-s1, d0

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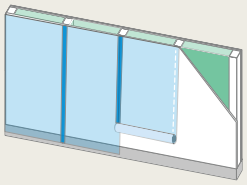
Processing Guideline

OMEGA UVKB Facade Tape

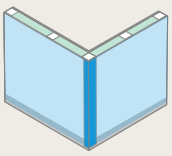
Description

Colour-coordinated and technically matched, permanently UV-resistant system adhesive tape for butt and flashing bonding of OMEGA G20 and OMEGA G50 facade membrane with maximum water-resistant polyacrylate adhesive for safe outdoor use.



Adhesive strength

AIRSTOP adhesive tapes perform the function of airtight and wind-tight sealing. Storm load or insulation weight cannot be permanently absorbed by the tape. Vapor barriers and facade membrane must always be mechanically secured with staples (concealed behind the overlap) and battens.



Bonding technique

OMEGA UVKB facade tape must be pressed onto the substrate over the entire surface. Folds or waves in membrane or tape, open to the top, are not permitted. The higher the contact pressure, the faster the final strength develops. Sticking the tape on itself is possible without any problems. Do not stretch during application. The AIRSTOP ROLL pressing roller helps to prevent tensile stresses during pressing. For bonding outside corners and exterior edges (convex), we recommend the 100 mm size with backing strip separation (40/60) due to the inherent rigidity of the substrate. No side should show less than 40 mm of adhesive surface. All materials must be free of dust and grease, and the substrate must be dry and load-bearing before use. In the case of sandy or rough substrates, concrete and low temperatures, the adhesion of the substrate can be significantly improved with UNI SPRAY Primer. OMEGA adhesive tapes are suitable for bonding from approx. -5°C. Note please that surface condensate can result at lower temperatures even in the case of minimal changes in temperature. This acts like a separating layer and decreases the adhesion. Tapes stored in warm conditions provide noticeably improved initial adhesion (20-30°C, fan heater, insulated container, construction hut).

Substrates

OMEGA G20 and OMEGA G50 facade membranes, OMEGA WD wind seal, ISOCELL vapor barriers as well as wood, wood-based panels (OSB, MDF, 3S panels), bricks, plastics (PP, PE, PA, smooth surfaces, free of silicones and waxes), metals free of oxides/rust.

Bonding time

A "cross-linking process" takes place after the attachment of the AIRSTOP adhesive tape. This takes about 6 - 24 hours, depending on the temperature. The final strength on G20 and G50 facade membranes can also be increased.

Disposal:

Release paper and adhesive tape – household waste.

Storage:

Cool and dry in a sealed box; do not stack rolls without separator.

Guarantee:

The acrylic adhesive used does not embrittle and is highly resistant to aging.

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