



Technical data sheet

PROTECT GRIP

PROTECT GRIP is a combination of fleece coated with an impermeable membrane and a specially matched polyacrylic adhesive. The tear-resistant synthetic liner facilitates handling. Construction elements can be bonded together over the entire surface with the wide sheets as protection during transport and the construction period. Joins between sheets can easily be made lengthwise along the marking grid and diagonally with 10 cm overlap.

Advantages

- fully self-adhesive
- Transparent
- non-slip safety: anti-slip coating
- no fleece abrasion
- practical grid pattern for overlap measurement
- low heat absorption due to protection of material through light colouring
- very good self-adhesion
- Emission tested according to QNG criteria

Field of application

- protection for construction elements of solid wood and wooden composite materials during transport
- weather protection
- intermediate floors and walls

Recommended products

	OMEGA PLASTO Tape
	AIRSTOP ROLL Pressing Roller
	OMEGA FROZEN Adhesive Paste

Available dimensions

Article number	Roll width	Roll length	Rolls / Pallet	Total area
3PGBZA15	0.15 m	50 m		
3PGBZA	1.50 m	50 m	25 rolls	1875 m ²
3PGBZA3	0.30 m	50 m		

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Capability to Seal Around Nail (Head of Water Test), ASTM D1970	Pass	Material composition	PP fleece with special membrane and anti-slip coating, special acrylic adhesive
Elongation (EN 12311-1) lengthwise	60 - 100 %	Elongation (EN 12311-1) crosswise	60 - 100 %
Tensile strength (EN 12311-1) lengthwise	90 N/50 mm	Tensile strength (EN 12311-1) crosswise	60 N/50 mm
Tear propagation resistance (EN 12310-1) lengthwise	70 N	Tear propagation resistance (EN 12310-1) crosswise	85 N
Temperature resistance	-40-70 °C	Temperature resistance	-40°F - 158°F
Working temperature	-5-40 °C	Working temperature	23°F - 105°F
Storage	cool and dry	sd-value	2.5 m
Fire performance (EN 13501-1 / EN 11925-0)	E	Surface Burning Characteristics ATM E84-2024a	Flame Spread = 5 Smoke Density = 25
Water Vapor Transmission	108 Metric Perms (ng/Pa*s*m ²)	Water Vapor Transmission	1.9 US Perms (grains per hr.in.Hg.ft ²)
Weight	175 g/m ²	Colour	white transparent
UV-resistance uncovered Climate Zone 3-8	12 weeks	UV-resistance uncovered Climate Zone 1-2	6 weeks
Tensile Strength (EN 12311-1)	90 N/50 mm (long.) 60 N/50 mm (trans.)	Tensile Strength (EN 12311-1)	20.2 lbf/in (long.); 13.5 lbf/in (trans.)
Tear Propagation Resistance	70 N (long.) 85 N (trans.)	Tear Propagation Resistance	15.7 lbf (long.) 19.1 lbf (trans.)

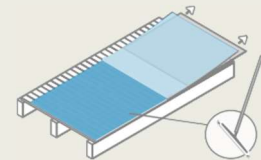
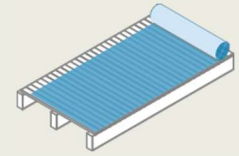
PROTECT GRIP

Adhesive properties

Protect GRIP adopts the functions of wind and air-tightness as well as weather protection, not however the function of a load-bearing connection. Protect GRIP cannot be plastered or painted over.

Adhesive technique

Protect GRIP must be bonded with the substrate over the entire surface. We recommend first cutting the required quantity to length, pulling the liner away a little and attaching the Protect GRIP at one end of the construction component. The second step is to gradually pull off the liner on both sides, at the same time rubbing on the sheeting to keep it bubble-free, using e.g. a wide squeegee or wide, straight brush. The liner can be wound around a square timber and then pulled off. In this way the tension used when pulling can be evenly distributed and a crease-free and smooth bond is achieved. Overlaps of the adhesive tape should be min. 10 cm. Sufficient pressure must be applied to the open edge using a pressure roller.



Adhesion on the following substrates

Wood, wooden composite boards (OSB, MDF, 3S-boards, chipboard, plywood...), synthetics, metal free from oxidation and rust, masonry, unsanded concrete. The materials used must be free from dust, grease and silicone, the substrates must also be dry and stable. For rough wood, similar uneven substrates, and at low temperatures, we recommend pre-treatment of the substrate with one of ISOCELL's primers. Please note that at low temperatures, and even at slight temperature changes, surface condensation may occur. This has the effect of a release layer and reduces adhesion. After applying the construction waterproofing a curing process takes place. Depending on the temperature this can take 6 – 24 hours. Only then is complete adhesion achieved.

Tips

Walls: observe direction of water-flow. Always begin with adhesion at the bottom. Avoid open edges. Fold down at top. Intermediate floors: use a pressure roller in the region of edges of overlaps. If there is creasing at the edge or damage to the Protect GRIP we recommend the use of OMEGA PLASTO Tape as repair tape. If available UNI MS Sealant Adhesive can also be used for repair work. Use in combination with UNI Primer Spray in the edge and overlap regions permits low working temperatures to -10° on a substrate free from ice and, when sufficient pressure is applied, increases reliability under extreme weather conditions.

