

Unipak[®] POLY MAX[®] High Tack Express

- Original

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Solvent-free assembly adhesive based on SMP-Polymer with very high initial bond strength and very fast strength gain. Excellent for heavy materials and for bonding and fixing many construction materials on practically all surfaces, such as wood, plaster, (natural) stone, (cellular) concrete, metal, hard foam and various plastics. Drywall construction: Bonding/fixing of UW rails in floor, ceiling and wall areas. Suitable for internal and external applications, such as panels, ceiling elements, roof fascias, plasterboard, panning and insulation material, mirrors, timber framework, skirting boards and laths. For all professional applications including wall and interior construction, house, utility and bodywork building. Not suitable for PE, PP, PTFE, gypsum and bitumen. When gluing plastics always perform an adhesion test first. Adhesion to plastics can vary depending on the type of synthetic and the quality of the plastic.

DIRECTIONS FOR USE

1. Before using open cartridge at the top by cutting off the plastic nipple above the thread with a sharp knife.
2. Then fix the nozzle and cut at an angle (opening at least Ø 5 mm). Only apply with special nozzle supplied.
3. Depending on the weight of the material, apply the adhesive evenly in vertical strips or dots at intervals of between 10 and 40 cm. Always apply the adhesive to the corners and along the edges. Mutual moving of materials (facade panels) can be accommodated through an adhesive thickness of 3 mm (use spacer blocks, or tape). Assemble materials with a sliding movement and press or hammer firmly together. Correction is still possible.
4. Close the cartridge properly immediately after use.

Stains/residue: Remove adhesive residues immediately with white spirit. Dry adhesive residue can only be removed mechanically.

Points of attention: The following drying times are based on bonding at least one porous material and an adhesive layer of approx. 1 mm thickness. If two non-porous materials are being bonded and/or the layer of adhesive is thicker, the drying times may be substantially longer.

Packaging	Carton	Item no.	EAN no.	VVS no.	RSK no.	NRF no.	LVI no.
Cartridge 435 g	12	7006956	8710439313580	271562040	4095015	1429440	3265057

Additional product information, safety data sheets, demo videos, instructions for use, etc. can be found at: www.unipak.dk

As we constantly develop our products, we reserve the right to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any application methods mentioned herein.

PROPERTIES

- Very high initial bond strength
- Very fast strength gain High
- Permanently elastic
- Very good filling capacity
- Good standing power
- Non-shrinking, 100% adhesive
- Solvent-free
- No soiling of joint edges
- All-weather resistant
- Resistant to temperatures between -40 °C and +100 °C
- Paintable
- Curing ca. 1.6 mm/24 hours

PREPARATION

Application temperature: -5°C to +40°C. The optimum processing temperature for cartridge and surface is between +5°C and +25°C.

Requirements: Surfaces must be clean, dust- and grease free. Surface must be solid. The surface may be slightly moist. Use of primer not required.

Tools: Sealant gun and rubber hammer.

APPLICATION

Coverage: One cartridge issues approx. 7-9 metres of adhesive. Directions for use:

CERTIFICATES AND STANDARDS



TÜV SÜD: Approval mark for screwless mounting of metal stud interior walls, certificate nr. 20 01 90 317 001 based on work instruction nr. MUC-KSP-A 1044



TÜV: Approved and certified by TÜV Rheinland on shear strength, tensile strength, elasticity and adhesion to different materials. Certificate TÜV 43168.



EMICODE: Classification system (GEV) of emission properties for construction products in indoor areas. EC-1 Plus (Very low emission Plus)



Meets legal, national, and European requirements, as well as declared functional properties. Confirmed by the Building Research Institute in Warsaw.



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TECHNICAL SPECIFICATIONS

100% modulus:	2,2 MPa
Bonding technique:	1-Sided application
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Cure rate:	1.6 mm/24h
Density approx.:	1,52 g/cm ³
Elasticity:	Good
Elongation of rupture:	100 %
Filling capacity:	Very good
Final bond strength:	400 N/cm ²
Final bond strength after:	4 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	73
Initial Bonding after:	This might vary, based on circumstances, like materials, temperature and humidity.
Initial bond strength:	100 N/cm ²
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	400 N/cm ²
Skinover time:	10-15 minutes
Solid matter approx.:	100 %
Solvent free:	Yes
Tensile strength (N/cm ²) approx.:	280 N/cm ²
UV resistance:	Good
Viscosity:	Pasty
Water resistance:	Good

STORAGE CONDITIONS

Shelf life: At least 18 months after production.

Store dry in sealed packaging between +5 °C and +25 °C.

Limited shelf life after opening.