



# POLY MAX® ORIGINAL EXPRESS

## UNIVERSAL ASSEMBLY ADHESIVE AND SEALANT WITH FAST FINAL STRENGTH BUILD-UP.



- 100% adhesive (non-shrinking)
- Also bonds to slightly damp surfaces
- Solvent-free
- Excellent bonding without primer
- Acid-free, odourless

### PREPARATION

**Working conditions:** Only apply at temperatures between +5°C and +40°C.

**Surface requirements:** Both parts must be solid, clean, free of dust and grease. Use of primer not required. The surface may be slightly moist.

**Tools:** If necessary, use a rubber mallet to tap lightly.

### APPLICATION

#### Directions for use:

**Bonding and fixing:** Apply in stripes or dots (every 10 - 40 cm). Always apply to the corners and along the edges of construction boards. Correctly position material within 10 minutes and press firmly or lightly tap with a rubber mallet. If necessary, clamp or fixate heavy materials for 4 hours. Can be handled after 30 minutes (the connection is now strong enough to withstand transportation or a light load); maximum final strength after approx. 4 hours, depending on the surface and the ambient conditions.

**Sealing:** Evenly apply to the bottom of the joint and tool within 10 minutes using a moistened (with soapy water without lemon) putty knife, sealant smoother, or finger. Tool the vertical joints from bottom to top. Fully cured after a few days (depending on the thickness of the layer). When painting over with alkyd paint, the paint may dry more slowly.

**Stains/residue:** Use white spirit for cleaning tools and removing wet adhesive residue. 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.

### TECHNICAL PROPERTIES

**Moisture resistance:** Very good

**Water resistance:** Good

**Temperature resistance:** -40°C to +100°C.

**UV resistance:** Good

**Chemicals resistance:** Good

### TECHNICAL SPECIFICATIONS

**Chemical base:** Silyl Modified Polymer

**Colour:** White

**Viscosity:** Pasty

**Solid contents:** approx. 100 %

**Density:** approx. 1.04 g/cm<sup>3</sup>

**Flash point:** K3 (>55°C)

**Shrinkage:** approx. 0 %

### STORAGE CONDITIONS

At least 18 months after production. Limited shelf life after opening. Close container properly and store in a dry, cool and frost-free place.

### PRODUCT DESCRIPTION

Universal assembly adhesive and sealant based on unique SMP technology, with fast final strength build-up. For bonding, fixing and sealing almost all (construction) materials on almost all surfaces (both smooth, porous and non-porous surfaces). Can be used indoors and outdoors. Super fast. Extra strong.

### FIELD OF APPLICATION

**Bonding:** e.g. glass, stone, natural stone, concrete, plasterwork, many synthetic materials, wood, chipboard, Trespa, iron, aluminium, zinc, steel, stainless steel and other metals, ceramic tiles, cork and mirrors.

**Fixing:** e.g. skirting boards, lathing, window sills, doorsteps, roof edges, construction boards, insulation materials, gypsum boards, polystyrene ornaments and decorative frames.

**Sealing:** e.g. skirting boards (synthetics), window frames, stair steps, window sills, doorsteps and drywalls. Also suitable for sealing cracks in walls and ceilings. Not suitable for PE, PP, PTFE 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.

### PROPERTIES

- Super-fast building of final bonding strength
- Very high final bond strength
- Permanently elastic
- Can be used internally and externally
- Paintable (test first)
- Good filling capacity
- Resistant to temperatures between -40°C and +100°C
- UV, water and all-weatherresistant

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.