

## Express MS

Properties	Value (colored)	Unit	Method / Remarks
	System		
Chemical base	hybrid		
Consistency	paste		
Density	1.50	g/ml	
Storage temperature range	+5 to +25	°C	
Shelf life	12	months	+5 to +25 °C
	Handling		
Application temperature range	+5 to +30	°C	
Tack free time	5	min	23 °C, 50 % rel. h.
Curing speed	2 to 3	mm/24 h	23 °C, 50 % rel. h.
Application	One or both sided; entire surface, wavelike		
	Performance of cured material		
Hardness	70	Shore A	
Service temperature range	-30 to +90	°C	Fully cured
Tensile strength	3.2	MPa	ISO 37
Elongation at break	180	%	ISO 37
100% Modulus	4	MPa	ISO 37
Standards	VOC: A+; M1 Emicode: EC2 EN 717-1: E1		

## Application

One-component, pasty adhesive on hybrid basis that quickly achieves high adhesive strength. Direct bonding of many materials.

Bonding and sealing in the construction and metal industries. For gluing baseboards, doorsteps, floor panels, ceramic tiles, as well as for gluing decorative elements made of wood, cork, chipboard, stone and metal.

For equalising bonding of a wide variety of components such as concrete, plasterboard, chipboard, wood, glass, metal, plastic, fiber cement, polystyrene and many more.

At least one of the components to be bonded should be absorbent. The adhesive thickness should not exceed 0.5 mm. The bond can be corrected within 5 minutes.

To bond two non-absorbent materials: see "directions for use" below.

Not suitable for bonding PE, PP, PTFE, PC, PMMA, soft plastics, neoprene and bituminous substrates.

## Properties / Features

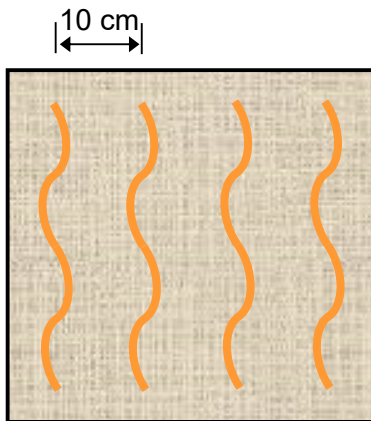
- fast build-up of final strength (after 20 minutes the adhesive joint can be processed)
- high final strength
- suitable for mirror bonding
- rapid hardening
- universally applicable
- resistant to aging and weather
- also adheres to damp surfaces
- anti-vibration and anti-stress
- pasty, does not drip, therefore suitable for vertical surfaces and overhead processing
- free from silicone and solvents

## Directions for use

Surfaces must be clean and free of dust and grease. Adheres perfectly without primer on most, even damp, surfaces. One of the materials to be joined together should be absorbent.

Use a soap solution to smooth before the skin forms.

If two non-absorbent components are glued together, the following should be observed:  
The adhesive should be applied in vertical strands or dots spaced 10 to 20 cm apart. After application, press the object firmly. Hardening takes longer with non-absorbent materials.



For further questions please contact our technical department.

### **Cleanup**

Before curing with cleaning solvent. After curing can only be removed mechanically.

### **Storage**

Store in a cool and dry place at +5°C to +25°C.

### **Classification and Labelling**

Only recycle when empty.

For further safe handling information on this product, consult the Safety Data Sheet (SDS).

The information in this adhesives brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.