

Fast-Bond Assembly Adhesive



Fast-curing, 1-component structural and assembly adhesive for universal use on polyurethane basis (PUR)

WEICON Fast-Bond is strong, paintable, sandable, and resistant to weathering, UV rays as well as fresh and salt water. It is free of silicone and solvents. Fast-Bond is suitable for the bonding of MDF panels, wood panels, chipboards, fibre and plaster boards, concrete, marble, natural and artificial stone, ceramics, gypsum, metals and rigid foams. Fast-Bond can be used in many areas of industry. This adhesive is suitable for waterproof bonding according to DIN EN 204 D4.

Characteristics

Base	1-C. polyurethane	
Texture	pasty	
Cure type	moisture-curing	
Can be painted	after complete curing	
Stability/run-off	ASTM D 2202	1.0 mm
Building material class	DIN 4102	B 2
Minimum shelf life	at room temperature	12 mon.

Processing

Curing condition	from +5°C to +40°C and 30% to 95% rel. air air humidity	
Curing speed	in the first 24 h	2 -3 mm
Density	1,5 g/cm ³	
Gap bridging up to max.	10 mm	

Curing

Skin-over time	3 min.	
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Mechanical properties after curing

Tensile strength	ISO 37	10 N/mm ²
Tensile strength of the pure adhesive and sealant	ISO 37	10 N/mm ²
Shear strength according to DIN EN 1465		
Medium lap shear strength (DIN EN 1465/ASTM D 1002)	11 N/mm ²	
Volume change	Zunahme	

Thermal parameters

Temperature resistance	-30°C to +100°C
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Approvals / Guidelines

ISSA Code	75.509.09
IMPA Code	812905

Surface Pre-Treatment

Surfaces must be clean and free of grease. Many surface soilings, such as oil, grease, dust and dirt can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend Cleaner Spray S; for removing old colour residues or adhesive residues, WEICON Sealant and Adhesive Remover is ideal. Most materials can be bonded to and among each other. For certain materials or special requirements, we recommend the use of a bonding agent (primer). Mechanical surface pre-treatment e.g. by grinding or sanding can also improve the adhesion considerably.

Application

Application methods: Cartridge gun for 310 ml cartridges, compressed air gun, we recommend a version with piston rod (WEICON Compressed Air Cartridge Gun), automatic dosing systems. One of the bonding surfaces should permit diffusion. The adhesive reacts with moisture (room humidity/moisture on the adhesive surface). Join the parts within 3 minutes and fix them under pressure until they harden. Adhesive foams easily.

Storage

Store in the unopened original container at room temperature. Avoid sources of heat and direct sunlight.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Accessories

10025241	V-Joint Nozzle, 1 PCE
10020751	Cartridge Gun Special, 1 PCE
10000441	Cartridge Gun, 1 PCE
10101992	Clip Nozzle Green Tube, 1 PCE, transparent
10059792	Pressure gun Airflow 3, 1 PCE

Available sizes

10015372	Fast-Bond Assembly Adhesive, 310 ml
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To the product detail page:



Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.