

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.

Technical Data

Base		1-C. polyurethane
Cure type		moisture-curing
Stability/run-off	ASTM D 2202	1.0 mm
Density		1,5 g/cm ³
Curing condition		from +5°C to +40°C and 30% to 95% rel. air humidity
Processing temperature		+5°C to +40°C
Curing speed	in the first 24 h	2 -3 mm
Skin-over time		3 min.
Gap bridging up to max.		10 mm
Tensile strength	ISO 37 / S3A	10 N/mm ²
Tensile strength of the pure adhesive and sealant	ISO 37	10 N/mm ²
Medium lap shear strength (DIN EN 1465/ASTM D 1002)		11 N/mm ²
Volume change	DIN 52451	Zunahme %
Temperature resistance		-30°C to +100°C
Building material class	DIN 4102	B 2
Shelf life		12 mon.

Approvals / Guidelines

ISSA Code	75.509.09
IMPA Code	812905

Surface pre-treatment

Surfaces must be clean and free of grease. Many surface soiling, 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.

Processing

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

When unopened and stored in normal climate (+23°C and 50 % rel. air humidity), WEICON Elastic Adhesives and Sealants have a shelf life of 12 months.

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
- 10033114 Compressed Air Cartridge Gun, 1 PCE
- 10020751 Cartridge Gun Special, 1 PCE
- 10000441 Cartridge Gun, 1 PCE

Available sizes

- 10015372 Fast-Bond Assembly Adhesive, 310 ml

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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.