

Assembly Adhesive



Fast-curing universal adhesive based on rubber (SBR)

Fast and strong contact adhesive based on synthetic caoutchouc for adhesive bonding in indoor and outdoor areas. The elastic 1-component assembly adhesive can be used on many materials, such as wood and wood fibre boards, MDF and OSB boards, decorative boards, steel, aluminium, plastic, PVC, plaster, plasterboard, ceramics, masonry, tiles, stone, and concrete. The adhesive is suitable for the fast and permanent bonding of skirting boards, panels, flooring elements, wall panelling, window bottoms, doorsteps, wooden door lining, decorative trims, and many other components.

Technische Daten

Base	synthetic caoutchouc
Colour	light beige
Texture	pasty
Density	1,1 g/cm ³
Viscosity	200.000 mPa·s
Skin-over time	1 min.
Curing speed in the first 24 h	2-3 mm
Curing condition	23 °C & 50 % relative humidity
Gap bridging up to max.	5 mm
Processing temperature	+5 to +40°C
Shelf life	12 mon.
Lap shear strength material thickn. 1,5mm DIN EN 1465	
MDF	2,7 N/mm ²
Temperature resistance	-40 to +100 °C

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 WEICON 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 sanding or sandblasting, 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.

Joining the components

In order to guarantee an ideal wetting, the adherends need to be joined quickly, before the adhesive skins over (skin-over time).

Shelf life

When unopened and stored in normal climate (+23°C and 50 % rel. air humidity), WEICON Assembly Adhesive has a shelf life of 18 months.

Safety and health

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

Accessories

- 13955031 V-Joint Nozzle
- 13250001 Cartridge Gun
- 13250002 Cartridge Gun Special
- 13250009 Compressed Air Cartridge Gun

Available sizes

- 16500310 Assembly Adhesive, 310 ml, light beige

Conversion table

(°C x 1,8) + 32 = °F	Nm x 8,851 = lb·in
mm/25,4 = inch	Nm x 0,738 = lb·ft
µm/25,4 = mil	Nm x 141,62 = oz·in
N x 0,225 = lb	mPa·s = cP
N/mm ² x 145 = psi	N/cm x 0,571 = lb/in
MPa x 145 = psi	kV/mm x 25,4 = V/mil

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.

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