

# WEICON Green Tube Assembly Adhesive

## Assembly Adhesive



**strong adhesion | universally applicable | for indoor & outdoor use**

WEICON Assembly Adhesive is a strong dispersion acrylic adhesive for assembly, repair and touch-up work.

The adhesive has a high initial adhesion and final strength and cures rapidly. After drying, the Assembly Adhesive can be sanded and plastered over and can be painted over with commercially available paints and varnishes. The adhesive is temperature-resistant in a range from -20°C to +80°C and is suitable for both indoor and outdoor applications. The white flexible adhesive is low-emission and free from solvents.

The Assembly Adhesive is universally applicable and can be used for a wide variety of applications. It is ideal, for example, for surface bonding of wood-based materials (such as skirting boards, decorative mouldings, panels or chipboard), PVC, polystyrene, polystyrene foam boards, PU rigid foam (e.g. insulation boards and cable ducts), mineral materials (e.g. tiles) and metals on absorbent substrates such as plaster, concrete, fibre cement, plasterboard and untreated wood.

### Technical Data

|                        |                          |
|------------------------|--------------------------|
| Base                   | Acrylat-Dispersion       |
| Colour                 | white                    |
| Texture                | pasty                    |
| Density                | 1,38 g/cm <sup>3</sup>   |
| Processing temperature | +5 °C to +40 °C          |
| Curing speed           | in the first 24 h 2-3 mm |
| Skin-over time         | 10 - 15 min.             |
| Hardness (Shore A)     | 65 ±3                    |
| Temperature resistance | -20 °C to +80 °C         |
| Shelf life             | 24 mon.                  |

### Surface Pre-Treatment

The surfaces must be clean and free of grease. Many surface contaminants, such as oil, grease, dust and dirt, can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend the use of WEICON Cleaner Spray S.

WEICON Sealant and Adhesive Remover is suitable for removing old paint residues or adhesive residues. Most materials can be bonded to each other. Mechanical surface pre-treatment, e.g. by grinding, can also significantly improve adhesion.

### 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.

Remove the lid and cartridge tip. Then carefully cut open the foil bag directly below the clip. Put the lid back on and screw on the tip. Cut the tip of the cartridge to the desired joint width. The cartridge can now be processed with the cartridge gun.

Joining the components

To ensure optimum wetting, the bonded parts must be joined before the first skin has formed on the adhesive (skin formation time).

### Storage

WEICON elastic adhesives and sealants have a shelf life of 24 months if stored unopened in a normal climate (+23 °C and 50 % relative humidity).

### 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](http://www.weicon.com)) must be observed.

### Accessories

|          |   |
|----------|---|
| 10101992 | Clip nozzle Green Tube transparent, 1 PCE |
| 10025241 | V-Joint Nozzle, 1 PCE                     |
| 10033114 | Compressed Air Cartridge Gun, 1 PCE       |
| 10020751 | Cartridge Gun Special, 1 PCE              |
| 10000441 | Cartridge Gun, 1 PCE                      |
| 10024313 | Surface Cleaner, 400 ml, transparent      |
| 10000147 | Cleaner Spray S, 500 ml, transparent      |

### Available sizes

|          |  |
|----------|--|
| 10101911 | WEICON Green Tube Assembly Adhesive, 280 ml, white |
|----------|--|

### 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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Elastic adhesives and sealants

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### Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$   
 $\text{mm}/25.4 = \text{inch}$   
 $\mu\text{m}/25.4 = \text{mil}$   
 $\text{N} \times 0.225 = \text{lb}$   
 $\text{N}/\text{mm}^2 \times 145 = \text{psi}$   
 $\text{MPa} \times 145 = \text{psi}$

$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$   
 $\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$   
 $\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$   
 $\text{mPa}\cdot\text{s} = \text{cP}$   
 $\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$   
 $\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

To the product detail page:



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