

# WEICON Green Tube 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.

Eco-friendly packaging – same strong performance!

Green Tube, the sustainable packaging: the tip and lid are made from 100% recycled plastic, and the cartridge body is made entirely of cardboard. This means lower CO<sub>2</sub> emissions and reduced plastic use compared to conventional cartridges – all without compromising on performance!

Elastic adhesives and sealants

## Assembly Adhesive

### 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	
Minimum shelf life	at room temperature	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

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

#### 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.

WEICON Middle East L.L.C.  
United Arab Emirates  
phone +971 4 880 25 05  
[info@weicon.ae](mailto:info@weicon.ae)

WEICON Czech Republic s.r.o.  
Czech Republic  
phone +42 (0) 417 533 013  
[info@weicon.cz](mailto:info@weicon.cz)

WEICON GmbH & Co. KG  
(Headquarters) Germany  
phone +49 (0) 251 9322 0  
[info@weicon.de](mailto:info@weicon.de)

WEICON Romania SRL  
Romania  
phone +40 (0) 3 65 730 763  
[office@weicon.com](mailto:office@weicon.com)

WEICON South East Asia Pte Ltd  
Singapore  
Phone (+65) 6710 7671  
[info@weicon.com.sg](mailto:info@weicon.com.sg)

WEICON Inc.  
Canada  
phone +1 877 620 8889  
[info@weicon.ca](mailto:info@weicon.ca)

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
[info@weicon.es](mailto:info@weicon.es)

WEICON Italia S.r.l.  
Italy  
phone +39 (0) 10 2924 871  
[info@weicon.it](mailto:info@weicon.it)

WEICON SA (Pty) Ltd  
South Africa  
phone +27 (0) 21 709 0088  
[info@weicon.co.za](mailto:info@weicon.co.za)

WEICON Kimya Sanayi Tic. Ltd. Şti.  
Türkiye  
phone +90 (0) 212 465 33 65  
[info@weicon.com.tr](mailto:info@weicon.com.tr)

# WEICON Green Tube Assembly Adhesive

Elastic adhesives and sealants

## Assembly Adhesive

### Accessories

10101992	Clip Nozzle Green Tube, 1 PCE, transparent
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 (Green Tube), white
10104259	WEICON Green Tube Assembly Adhesive, 280 ml (plastic bag), white
10104456	WEICON Green Tube Assembly Adhesive, 1 Set, white

### Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$	$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$
$\text{mm}/25.4 = \text{inch}$	$\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$
$\mu\text{m}/25.4 = \text{mil}$	$\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$
$\text{N} \times 0.225 = \text{lb}$	$\text{mPa}\cdot\text{s} = \text{cP}$
$\text{N}/\text{mm}^2 \times 145 = \text{psi}$	$\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$
$\text{MPa} \times 145 = \text{psi}$	$\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

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.

WEICON Middle East L.L.C.  
United Arab Emirates  
phone +971 4 880 25 05  
info@weicon.ae

WEICON Czech Republic s.r.o.  
Czech Republic  
phone +42 (0) 417 533 013  
info@weicon.cz

WEICON GmbH & Co. KG  
(Headquarters) Germany  
phone +49 (0) 251 9322 0  
info@weicon.de

WEICON Romania SRL  
Romania  
phone +40 (0) 3 65 730 763  
office@weicon.com

WEICON South East Asia Pte Ltd  
Singapore  
Phone (+65) 6710 7671  
info@weicon.com.sg

WEICON Inc.  
Canada  
phone +1 877 620 8889  
info@weicon.ca

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
info@weicon.es

WEICON Italia S.r.l.  
Italy  
phone +39 (0) 010 2924 871  
info@weicon.it

WEICON SA (Pty) Ltd  
South Africa  
phone +27 (0) 21 709 0088  
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.  
Türkiye  
phone +90 (0) 212 465 33 65  
info@weicon.com.tr