

GMK 2510



High Strength, Permanent Elastic and Temperature Resistant

GMK 2510 is a 2-component adhesive based on polychloroprene for full surface and permanently elastic bonding of parts which are continuously exposed to dynamic loads.

The advantage compared to 1-component contact adhesives is the considerably better adhesion and the improved temperature resistance.

It bonds rubber, metal, textiles, leather, sponge rubber (neoprene), CSM (Hypalon), insulating materials, PU materials with an adhesive coating, wood, stones and many plastics. After curing the bonding is moisture-proof.

It is not suitable for materials such as polystyrene foam, polyethylene, polypropylene parts, PVC soft foam and PVC imitation leather.

Technical Data

Base	Polychloroprene (CR)
Colour	black
density	0,85 g/cm ³
Viscosity adhesive	1.500 mPa·s
Mixing ratio	100:7
Pot life (at +23°C and 50% rel. Humidity)	6 h
Consumption per area	150 - 300 g/m ²
Evaporation time	5 - 15 min.
Final strength	24 h
Processing temperature	(+59°F) +15 to (+95°F) +35 °C
Storage stability	12 months when unopened
Storage	at room temperature (+15°C to +25°C) dry, in densely closed packaging
Temperature resistance	(+60°F) -40 to (+176°C) +80 briefly (approx. 1 h) to (+266°F) +130 °C
IMPA-Code	815239/40

Surface pre-treatment

The parts to be bonded must be clean, dry and free of dust or grease (WEICON Surface Cleaner). Roughening the surfaces increases the bonding strength efficiently.

Processing

Stir the product well before use (only the adhesive). Mix the adhesive and activator together thoroughly and bubble-free for four minutes with the application spatula or mechanical mixers at low speed (max. 500 rpm) (mixing ratio approx. 100:7) to obtain a homogeneous mixture. Only prepare the quantity which can be applied within the evaporation time. Apply evenly onto the complete surfaces (both sides) to be bonded using a brush or a spatula (smooth or fine-toothed). Depending on the layer thickness

Storage

At room temperature (+15°C to +25°C), dry, in tightly closed container

stability: 12 months in unopened container

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.

Available sizes:

16200324-35 GMK 2510 324 g
16200690-35 GMK 2510 690 g

Accessories:

10953001 Processing Spatula, short
10953020 Contour Spatula Flexy,

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

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

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

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

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

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

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

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

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

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it