



pasty
 mineral-filled,
 wear-resistant, highly abrasion-resistant

WEICON WR2 is particularly suitable for areas where the processing of casting compounds is not possible such as for the repair of conveyors, guides and sliding ways. It can also be used to prevent wear on metal surfaces exposed to high abrasion and erosion and can serve as a wear-resistant underlayer before the final coating with WEICON Ceramic BL.

WEICON WR2 can be used in machine and system construction, in apparatus engineering and in many other industrial applications.

ISSA: 75.509.17/18

IMPA: 81 29 49/50

Technical data

Composition	Epoxy resin mineral-filled
Specific Properties	putty, wear resistant
Mixing ratio by weight % (Resin/Hardener)	100:25
Pot-life at +20 °C (200 g preparation)	45 Min.
Density of the mixture	1,67 g/cm ³
Viscosity of the mixture	560.000 mPa·s
Max. layer thickness per application	10 mm
Cure time mechanical loads	16 h
final hardness	24 h
Mean compressive strength (+25 °C) acc. to DIN 53281-83	71 MPa
Mean tensile strength (+25 °C) acc. to DIN 53281-83	29 MPa
Mean Flexural strength (+25 °C) acc. to DIN 53281-83	39 MPa
Mean strength E-Modul (+25 °C) acc. to DIN 53281-83	2.500 - 3.000 MPa
Shore D (+25 °C) acc. to DIN 53281-83	82
Shrinkage	0,025 %
Thermoforming resistance	65 °C
Colour	dark-grey
Temperature resistance*	-35 bis +120 °C

Information about surface pre-treatment and processing can be found in the manual.

Storage

WEICON Plastic Metal at room temperature (but up to max. +25 °C) in a dry place. Unopened containers can be stored for 18 months at

temperatures from +18 °C to +25 °C (Epoxy Resin Putty max. 3 years).
Opened containers should be used within 6 months.

Note

Any product specifications and recommendations given herein 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 warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. 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.

Health and Safety

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.

WEICON GmbH & Co. KG (Headquarter)

Königsberger Str. 255 · DE-48157 Münster
P.O. Box 84 60 · DE-48045 Münster
Germany

Tel. +49 (0) 251 / 93 22-0
 Fax +49 (0) 251 / 93 22-244
 Fax +49 (0) 251 / 93 22-233 Export
www.weicon.de · info@weicon.de

WEICON Middle East L.L.C.

Jebel Ali Ind Area 3 · P.O. Box 118 216
Dubai · U.A.E

Phone +971 4 880 25 05
 Fax +971 4 880 25 09
 Mobile +971 50 545 99 83
www.weicon.ae · info@weicon.ae

WEICON Inc.

20 Steckle Place · Unit 20
Kitchener · Ontario · N2E 2C3
Canada

Phone +1 519 896 5252
 Fax +1 519 896 5254
 Cell +1 519 590 5168
www.weicon.ca · info@weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.

Yenibosna Mahallesi Yalçın Koreş Caddesi
Arifağa Sokak No: 29 Kat: 3
34530 Yenibosna – İstanbul Turkey
www.weicon.biz.tr · info@weicon.biz.tr

WEICON Romania SRL

Str. Podului Nr.1
547176 Budiu Mic (Targu Mures)
www.weicon.com · office@weicon.com