Epoxy Resin Systems

Belt Repair-Kit

Belt Repair-Kit

Fast application without tools | highly elastic, wear-resistant, impact- and abrasion resistant | high resistance to chemicals and pressure

IMPA Code 812983

WEICON Belt Repair-Kit is a 2-component polyurethane system for the fast repair and coating of rubber surfaces. It has a high curing speed, high elasticity and wear resistance, is impact-resistant and abrasion-resistant, and has a particularly high tear resistance. Thanks to its high mechanical strength, it is suitable especially for repairs on rubber and metal components, which are exposed to impacts, abrasion or vibrations. The Belt Repair-Kit offers fast and easy processability. The system is suitable for various applications, such as the repair and coating of conveyor belts, the repair of rubber coatings, for use as flexible wear protection, and for the fast repair of worn-out rubber surfaces. In addition to the polyurethane system, the set comprises a primer for surface pre-treatment, and a spatula to spread the compound evenly. In order to cover a broader application range, in addition to the classic 500 g working package, which needs to be mixed by hand, the product is also available as easy-to-use 540 g double cartridge.

Technische Daten Primer

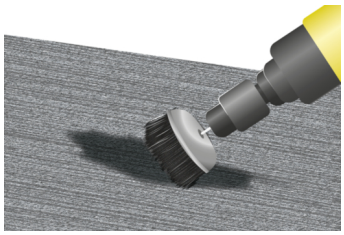
Base Primer		Urethane
Colour Primer		yellowishtransparent
Mixing ratio by weight Primer		32:1
Density of the mixture Primer		1,1 g/cm³
Viscosity of the mixture Primer	20°C	40 mPa·s
Pot life Primer	20°C	15 min.
Additional layer with polyurethane Primer		nach 30 bis 60 min.

Technische Daten Urea

Base PU		polyurea
Colour after curing PU		black
Mixing ratio by weight PU		10:100
Viscosity of the mixture		pastös
Pot life PU	20°C	20 min.
Working strength/demouldable after PU		6-8
Handling strength / demouldable (50 °C)		60-90 min.
Final strength PU		24 h
Hardness (Shore A) PU		85
Tensile strength PU	DIN EN ISO 527	7,8 N/mm²
E-modulus (tensile) PU		9,6 N/mm²
E-modulus (tensile) PU Norm		DIN EN ISO 527
Elongation at break (tensile) PU		470
Elongation at break (tensile) PU Norm		DIN EN ISO 527
Tear resistance PU		31 kN/m
Temperature resistance (wet)		-60 °C bis +60 °C
Temperature resistance (dry)		-60 °C bis +100 °C
Swelling in water	(7 days)	<1,5 %
Zugscherfestigkeit mit Primer G nach DIN EN 1465		
Steel 1.0338 sandblasted		8 N/mm²
Stainless steel V2A sandblasted		8
Aluminium sandblasted		7 N/mm²
Galvanized steel		4 N/mm²

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) must be observed.



Storage

Store WEICON Urethane at room temperature in a dry place. Unopened containers can be stored at temperatures of +18°C to +25°C for at least 6 months after delivery date. Opened containers must be used up within 3 months.

Accessories

10653491	Dispenser 2C 10:1 Standard, 1 PCE
10650027	, 1 PCE
10953003	Processing spatula, 1 PCE
10953001	Processing spatula, 1 PCE
10953020	Contour Spatula Flexy, 1 PCE
13955050	Primer Applicator, 1 PCE

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Conversion table

(°C x 1,8) + 32 = °F	Nm x 8,851 = lb·in
mm/25,4 = inch	Nm x 0,738 = lb·ft Nm
µm/25,4 = mil	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

Available sizes:

10851005	Belt Repair-Kit, 0,55 kg
10851015	Belt Repair-Kit, 0,59 kg

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