

Belt Repair-Kit



Fast application without tools
Highly elastic, wear-resistant, impact- and abrasion resistant
High resistance to chemicals and pressure

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. After just 30 minutes, the treated surface can already be sanded and smoothed.

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.

Technical Data

Technical data Urethane 85	
Base	Polyurea
Colour after curing	black
Mixture (weight %) resin/hardener	10:100
Pot life at +20°C (+68°F)	20 min.
High mechanical load capacity / detachable after	6 - 8 h
Mechanisch belastbar/entformbar (50 °C) nach	60 - 90 minutes
Final hardness after	24 h

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.

Shore hardness A	85
Elongation at break (DIN EN ISO 527)	470 %
Tensile strength ISO 527 max.	7,8 N/mm ²
Strength-E-Module (DIN EN ISO 527)	9,6 N/mm ²
Resistance to further tearing	31 kN/m
average tensile shear strength with Primer G according to DIN EN 1465 on	
Steel sand blasted	8 N/mm ²
Sandblasted stainless steel	8 N/mm ²
Sand-blasted Aluminium	7 N/mm ²
Galvanized steel	4 N/mm ²
Swelling in water (7 days)	<1,5 %
Temperature resistance (wet)	-60 to +60 °C
Temperature resistance (dry)	-60 to +100 °C
Technical data Primer G	
Base	Urethane
Colour	yellowish, transparent
Mixing ratio by weight resin/hardener	32:1
Density of the mixture	1,1 g/cm ³
Viscosity at +20°C (+68°F) according to Brookfield	40 mPa·s
Pot life at +20°C (+68°F)	15 min.
Overcoating with polyurethane	after 30 to 60 min.

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

Storage

Store WEICON Urethane at room temperature (+20°C) in a dry place. Unopened containers can be stored for at least 6 months after delivery at temperatures from +18°C to +25°C. Opened containers must be used within 3 months.

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:

10851005 Belt Repair-Kit 550 work package in a set
10851015 Belt Repair-Kit 590 double cartridge in a set

Accessories:

10653491 Dispenser 2C 10:1 Standard,
10953001 Processing Spatula, short
10953003 Processing Spatula, long
10953020 Contour Spatula Flexy,
13955050 Primer Applicator,