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### **Urethane 90 SF**



fast-curing, self-levelling, cures practically without shrinkage WEICON Urethane 90 SF is a fast-curing and self-levelling casting

compound, which cures practically without shrinkage. In addition

to its high curing speed as well as high adhesive strength, it also

The compound is especially suitable for highly precise grouting

works, like the casting of ground anchors, sensors, fixing devices

Urethane 90 SF adheres to many different materials, such as metal, concrete, rubber, wood, fibreglass as well as many other materials,

shows permanently high static strength.

or position markings for laser measurement.

and it can be used in various areas of industry.

# Shrinkage 0,2 % Thermoforming resistance 52 °C Temperature resistance -60 to +90°C °C

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

#### Storage

Store WEICON Urethane at room temperature in a dry place. At temperatures from  $+18^{\circ}$ C to  $+25^{\circ}$ C, unopened containers have a shelf life of at 6 months as of the delivery date. Opened containers need to be used up within 3 months.

#### Safety and health

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.

#### Available sizes:

10519005 Urethane 90 SF 0,55 kg

#### Accessories:

10953001	
10953003	
10953010	
10953020	

Processing Spatula, Processing Spatula, Stirrer Stainless Steel, Contour Spatula Flexy,

#### **Technical Data**

Base	polyurethane
Colour after curing	brown
Mixture (weight %) resin/hardener	100:23
Density of the mixture	1,6 g/cm <sup>3</sup>
Viscosity at +25°C (+77°F) resin/hardener	5.500/200 mPa·s
Viscosity of the mixture at 25°C (+77°F)	3.000 mPa⋅s
Pot life at +20°C (+68°F)	8 min.
High mechanical load capacity / detachable after	2-3 h
Final strength (100%) after	24 h
Medium shear strength according to DIN EN 1465 at	
Steel sand blasted	22 N/mm <sup>2</sup>
Sandblasted stainless steel	25 N/mm <sup>2</sup>
Galvanized steel	7 N/mm²
Alu sandblasted	14 N/mm <sup>2</sup>
Elongation at break according to ISO 37	1 %
Mean compressive strength (DIN EN ISO 604)	110 Mpa
Bending	100 Mpa
Shore hardness D DIN EN ISO 868	90

#### 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.

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