

Pool Repair-Kit

- ▶ cures reliably even under water
- ▶ application on wet surfaces
- ▶ excellent adhesion



REPAIR OF MOSAIC TILES

WEICON Pool Repair-Kit

The **WEICON Pool Repair-Kit** is especially suitable for quick repair work under water. Its excellent adhesive strength enables application on wet surfaces. Thanks to the rapid curing process even under water, it is perfect for repair work on tiles, mosaic tiles, etc.

- ▶ 0,2 kg 10102149
- ▶ 0,5 kg 10102886
- ▶ 2,0 kg 10102879



Characteristics	Pool Repair-Kit
Pot life	30 min.
Working strength	12 h
Final strength	36 h

Bonding	Use	Pool Repair-Kit
above water → above water		23.8 N/mm ²
above water → under water		20.5 N/mm ²
under water → under water		15.3 N/mm ²

The set contains:

- ▶ 2-component adhesive (resin & hardener)
- ▶ processing spatula
- ▶ instructions for use
- ▶ application gloves

Adhesive bonding following the DIN EN 1465 standard on V2A steel, sand-blasted, after storage for 7 days at 20 °C

Ideal water temperature for application: +20 °C (+68 °F) to +40 °C (+104 °F)

Characteristics

Base	epoxy
Filler	mineral
Texture	pasty
Colour	white

Processing

Processing temperature	+15 °C (+59 °F) to +40 °C (+104 °F)
Component temperature	>3 °C (+37,4 °F) above dew point
Mixing ratio by weight	100:83
Mixing ratio by volume	100:95
Viscosity of the mixture at +25 °C (+77 °F)	550,000 mPa·s
Density of the mixture	1.5 g/cm ³
Consumption layer thickness 1.0 mm	1.5 kg/m ²
Max. layer thickness per step	10 mm

Mechanical properties after curing

- Measured after curing at	24 h RT + 4 h 60 °C (+140 °F)
Tensile strength DIN EN ISO 527-2	31 MPa
Elongation at break (tensile) DIN EN ISO 527-2	9.0 %
Hardness (Shore D) DIN ISO 7619	75±3

Thermal parameters

Temperature resistance	-35 °C (-4 °F) to + 160 °C (+248 °F)
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Curing

Pot life at 20 °C (+68 °F), 500 g batch	30 min.
Additional layer after (35 % strength)	7 h
Working strength after (80 % strength)	12 h
Final strength (100 % strength)	36 h
Shrinkage	0.12 %