

Zhermack ZA 13 Mould WT 45

Translucent platinum-cure silicone, Shore A 13, long pot life

**1:1**

Mix ratio (weight)

45 min

Pot life at 23 °C

8 h

Cure time at 23 °C

13

Hardness (Shore A)

DESCRIPTION

Pourable two-component addition-cure silicone that cures at room temperature into a translucent mould. Its low viscosity, high mechanical strength and dimensional stability suit mould making, concrete moulds, cast stone and podiatry. Compatible with plaster, coatings, polyurethane resins and acrylic resins.

FEATURES

- ✓ Long pot life: 45 minutes
- ✓ Low viscosity
- ✓ Dimensionally stable, fine detail
- ✓ Translucent: the model stays visible



VIEW ONLINE

Scan the QR code or [click here](#) for prices, pack sizes and the SDS.

TECHNICAL DATA

Property	Unit	Value
Mix ratio A:B (weight)	–	1:1
Pot life at 23 °C	min	45
Cure time at 23 °C	h	8
Hardness after 24 h	Shore A	13
Mixed viscosity	mPa·s	4500
Density base / catalyst at 23 °C	g/cm ³	1.07
Colour base / catalyst / cured	–	Translucent
Tensile strength	N/mm ²	3
Elongation at break	%	440
Tear strength	N/mm	12
Service temperature	°C	–40 to 200
Storage temperature	°C	5 to 27
Shelf life	months	12

Typical values, measured after 24 h vulcanisation at 23 °C. Not intended for use in preparing specifications.

PROCESSING

Shake base and catalyst separately. Weigh equal amounts using a separate spoon for each component; a deviation of up to 5% does not change the result. Mix vigorously until the colour is uniform, scraping the bottom and sides. Degas the mixture and preferably pour from a height of about 30 cm. Demould after the cure time, using compressed air if needed.

POT LIFE

Pot life starts when mixing begins. At 40 °C, pot life and cure time are roughly halved; at 4 °C, pot life doubles and curing takes about three times as long. You can add more silicone within 24 hours: the new layer bonds to the first.

CURE INHIBITION

Some petroleum jelly oils can inhibit curing; make a small test first. Surfaces must be clean, grease-free and dry.

SHELF LIFE

Shelf life 12 months at 5–27 °C. Do not swap the caps of base and catalyst.

SAFETY



Base and catalyst are not classified as hazardous and the safety data sheet states that no protective equipment is required for normal use. We nevertheless recommend wearing safety glasses and gloves and working hygienically. **Consult the safety data sheet for full information.**