

Zhermack ZA 22 Mould Blue

Blue platinum-cure silicone, Shore A 22, high tear strength

**1:1**

Mix ratio (weight)

15 min

Pot life at 23 °C

90 min

Cure time at 23 °C

22

Hardness (Shore A)

DESCRIPTION

Pourable two-component addition-cure silicone that cures at room temperature without shrinkage into a blue mould. It flows very well, is dimensionally stable and has high tear strength. Suitable for mould making, core moulds, concrete casting, cast stone and sanitary ware. Compatible with plaster, coatings, polyurethane resins and acrylic resins.



VIEW ONLINE

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

FEATURES

- ✓ High tear strength: 20 N/mm
- ✓ Cures without shrinkage
- ✓ Excellent flow
- ✓ Blue: contrast with light casting materials

TECHNICAL DATA

Property	Unit	Value
Mix ratio A:B (weight)	–	1:1
Pot life at 23 °C	min	15
Cure time at 23 °C	min	90
Hardness after 24 h	Shore A	22
Mixed viscosity	mPa·s	4500
Density base / catalyst at 23 °C	g/cm ³	1.13
Colour base / catalyst	–	Blue / white
Cured colour	–	Blue
Tensile strength	N/mm ²	4.5
Elongation at break	%	480
Tear strength	N/mm	20
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.**