

Zhermack ZA 22 Mould Blue

Blue platinum silicone for mould making and concrete

**1:1**

Mix ratio (weight)

15 min

Pot life

90 min

Demould time at 23 °C

22

Hardness (Shore A)

DESCRIPTION

Pourable two-component addition-cure (platinum) silicone that cures at room temperature into a blue rubber. For mould making, core moulds, concrete casting, artificial stone, sanitaryware and building elements. Suitable for plaster, coatings and acrylic resins; epoxy and polyester only with a release agent.



VIEW ONLINE

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

FEATURES

- ✓ Mix ratio 1:1 by weight
- ✓ Shore A 22
- ✓ Tear strength 20 N/mm
- ✓ Elongation at break 480 %
- ✓ Service temperature -40 to +200 °C

TECHNICAL DATA

Property	Unit	Value
Colour base / catalyst	–	Blue / White
Density at 23 °C	g/cm ³	1.13
Mix ratio (weight)	A:B	1:1
Viscosity	mPa·s	4,500
Pot life at 23 °C	min	15
Demould time at 23 °C	min	90
Colour after curing	–	Blue
Hardness after 24 h	Shore A	22
Tensile strength	N/mm ²	4.5
Elongation at break	%	480
Tear strength	N/mm	20
Service temperature	°C	-40 to +200

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

PROCESSING

Shake base and catalyst separately. Weigh 1:1 with a separate spoon for each; up to 5 % deviation does not change the result. Mix vigorously until the colour is uniform, degas and pour from about 30 cm. Demould with compressed air if needed. Top-up pours are possible within 24 h.

POT LIFE

Measured from the start of mixing at 23 °C. At 40 °C pot life and demould time roughly halve; at 4 °C pot life doubles and curing takes about three times as long.

CASTING RESINS

Apply a release agent before casting epoxy or polyester resin to protect the mould, before every pour with aggressive resins. For polyurethane we recommend a different silicone.

CURING AND STORAGE

Addition-cure silicone: some petroleum jelly oils inhibit curing; test first if in doubt. 12 months at 5–27 °C; do not swap the caps.

SAFETY



Base and catalyst are not classified under CLP; the SDS states no protection is required for normal use. We nevertheless recommend safety glasses and gloves. **Consult the safety data sheet for full information.**