ADDITION SILICONE · PRODUCT INFORMATION SHEET

Zhermack ZA 22 Mould Blue

Blue platinum silicone for mould making and concrete

1:1	15 min	90 min	22
Mix ratio (weight)	Pot life	Demould time at 23 °C	Hardness (Shore A)

DESCRIPTION

Pourable two-component platinum-cure addition silicone that cures at room temperature to a blue mould. For mould making, concrete casting, artificial stone and sanitaryware. Suitable for plaster, coatings and acrylic resins; epoxy, polyester and polyurethane 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/cm³	**1.13**
Mix ratio (weight)	A:B	**1:1**
Viscosity of mixture	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/mm²	**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 out 1:1 using a separate spoon for each; deviations of up to 5% do not affect the result. Mix vigorously until the colour is uniform, degas and pour from approx. 30 cm. Use compressed air to demould if needed. A further layer can be poured within 24 h.

Before casting epoxy, polyester or polyurethane resin, apply a release agent to the mould to protect the silicone. If you cast polyurethane regularly, choose a silicone intended for that purpose.

POT LIFE

From the start of mixing at 23 °C. At 40 °C, pot life and demould time are roughly halved; at 4 °C the pot life doubles and curing takes about three times as long.

CURE INHIBITION

Addition silicone: sulphur, nitrogen and tin compounds, latex and some petroleum jellies can inhibit curing. If in doubt, test first.

SHELF LIFE

12 months at 5–27 °C. Do not mix up the caps of base and catalyst.

SAFETY



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

No rights can be derived from this information. Read the safety data sheet (SDS) on www.siliconesandmore.com before use.