

## EUROSIL 22 BLUE

### Technical Data Sheet

#### 1. EUROSIL 22

Eurosil 22 Blue is a bi-component addition cured RTV silicone rubber which vulcanizes at room temperature. Because of its considerable fluidity, it is recommended for the duplication of models with many undercuts.

#### 2. MAIN APPLICATION SECTORS

**Mouldmaking and model-making** due to its considerable precision in reproduction, high dimensional stability and high mechanical resistance.

**Artistic ceramics** due to its high dimensional stability, considerable fluidity and good mechanical resistance.

**Concrete moulding.**

#### 3. CHEMICAL AND PHYSICAL CHARACTERISTICS

	Metric system	USA system
Mixing ratio	1 : 1	-
Viscosity of the mix pre-catalisation	4000 ± 300 cP	-
Mixing time at 23 °C (73 °F)	1'	-
Working time at 23 °C (73 °F)	14' - 17'	-
Setting time at 23 °C (73 °F)	1 h	-
Hardness Shore-A after 24 hours	21 ± 2 ShA	-
Tensile strength	4.0 ± 0.2 N/mm <sup>2</sup>	581 ± 29 psi
Elongation at break	380 ± 20%	-
Tear resistance (Die B)	20 ± 1 N/mm	113 ± 6 ppi
Tear resistance (Die C)	12 ± 1 N/mm	68 ± 6 pp

The preparation is not considered dangerous according to Directive 67/548/EEC and subsequent amendments.

#### 4. CONSERVATION

Eurosil 22 Blue is guaranteed for a period of 18 months if correctly conserved between 5° - 27°C (41° - 80°F). Close the bottles after use, do not invert the caps or the lids between base and catalyst.

#### 5. IMPORTANT OBSERVATIONS

The advice given verbally, in writing or through demonstration on how to use the product is based on our knowledge. The use and application by the user occurs without the Company having the possibility to check and therefore remain the responsibility of the user.