

EUROSIL 13 TRANSPARENT

Technical Data Sheet

1. EUROSIL 13 TRANSPARENT

Eurosil 13 Transparent is a bi-component addition cured RTV silicone rubber, particularly recommended for making object in polyester resins and concrete. Compatible with all plasters, coatings, polyurethane resins, acrylic resins and polyester resins.

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 due to its considerable precision in reproduction, high dimensional stability and high mechanical resistance.

4. CHEMICAL AND PHYSICAL CHARACTERISTICS

	Metric system	USA system
Mixing ratio	1 : 1	-
Density	1.07 g/cc	-
Viscosity of the mix pre-catalisation	4500 ± 500 cP	-
Mixing time at 23 °C (73 °F)	1'	-
Working time at 23 °C (73 °F)	40' - 50'	-
Setting time at 23 °C (73 °F)	2 h 30' - 3 h	-
Hardness Shore-A after 24 hours	13 ± 2 ShA	-
Tensile strength	3.0 ± 0.2 N/mm ²	435 ± 30 psi
Elongation at break	450 ± 20%	-
Tear resistance (Die B)	14 ± 1 N/mm	79 ± 6 ppi
Tear resistance (Die C)	9 ± 1 N/mm	51 ± 6 ppi

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

5. CONSERVATION

Eurosil 13 Transparent 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.

6. 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.