

EUROSIL 33 TRANSPARENT

Technical Data Sheet

1. DESCRIPTION AND MAIN FEATURES

Eurosil 33 Transparent is a bi-component addition cured RTV silicone rubber (base and catalyst with ratio 1:1) which vulcanizes at room temperature. **Eurosil 33 Transparent** is compatible with all plasters, coatings, polyurethane resins and acrylic resins.

2. MAIN APPLICATION SECTORS

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

Ceramic serigraphy due to its considerable precision in reproduction, high mechanical resistance and the excellent laser cutting characteristic.

Tampography due to its high mechanical resistance.

3. PROPERTIES

- Reduced viscosity and easy to mix
- High chemical resistance to the aggressive components of some types of resin
- Good resistance to laceration (wear and tear)
- High level of accuracy in reproducing very small particulars
- High dimensional stability over time and non-deformability
- Considerable resistance to high temperatures and to ageing
- Excellent non-stick effect

4. CHEMICAL AND PHYSICAL CHARACTERISTICS

	Metric system	USA system
Mixing ratio	1 : 1	-
Viscosity of the mix pre-catalisation	7000 - 8000 cP	-
Density	1.10 g/cc	-
Mixing time at 23 °C (73 °F)	1'	-
Working time at 23 °C (73 °F)	20' - 22'	-
Setting time at 23 °C (73 °F)	3h	-
Hardness Shore-A after 24 hours	33 ± 2 ShA	-
Tensile strength	4.7 N/mm	682 ± 29 psi
Elongation at break	430%	-
Tear resistance (Die B)	16 ± 2 N/mm	91 ± 11 ppi
Tear resistance (Die C)	13 ± 2 N/mm	74 ± 11 ppi

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

5. CONSERVATION

Eurosil 33 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.