

RESIN	HARDENER	MIXING RATIO
NCT 301 Component A	Component B	100:50

INTRODUCTION:

Two-component epoxy product with high transparency, good chemical and dimensional stability and good mechanical resistance.

APPLICATION:

Can be used to encapsulate electric circuits and incorporate artistic objects. Moreover can be used as adhesive in cement components and in formation of self levelling epoxy flooring, as well as in production of artistic and industrial manufactured articles.

PROCESSING:

This resin is applied in open and interspaces castings, also in thick coats.

ISTRUCTIONS:

Homogenize the resin component before use to keep in suspension the light settlement eventually formed. Add the required quantity of the hardener separately, thoroughly mix. For the surface preparation (moulds or pattern) refer to the release agents data sheet.

POST-CURING:**STORAGE AND HANDLING**

1 year, stored in their original tightly closed containers in a dry and fresh place at temperatures in the range from +10°C to +30°C.

PRECAUTIONS:

TECHNICAL PROPERTIES (at +20°C and 60% R.H.)

Mixing ratio (A+B)	100 + 50 parts in weight
Specific gravity mixture A + B	1,100 ± 0,05 Kg./Lt.
Pot life mixture A + B	~ 40' for 200 gr. mass
Partial hardening	~ 40' (per massa di 500 gr.)
Complete hardening	24 h
Minimum application temperature	7 Days
Application	By casting or by spatula
Flexure strength (UNI 7219)	3050 N/mm ²
Compressive strength (ASTM D 695)	85 N/mm ²
Compressive modules (ASTM D 695)	2300 N/mm ²
Tensile strength (ASTM D 638)	50 N/mm ²
Elongation (ASTM D 638)	2%
Hardness shore D (ASTM D 2240)	82
Appearance	40 N/mm ² (ASTM D 638)

(*) for larger quantities pot life is shorter and the exothermic peak increases

NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information.