

## Epoxol<sup>®</sup> 2874

### Two-component epoxy system for casting or embedding various items

#### Fields of application

**Epoxol<sup>®</sup> 2874** presents an ideal solution in hobby and handicraft industry for construction of multiple ornaments and souvenirs. It is also recommended for mixing with light or heavy extenders as filler for openings that show excellent adhesion for long periods of time (e.g. joint filling on stone floors, behind silver icons).

#### Properties

**Epoxol<sup>®</sup> 2874** consists of pure resins and selected hardeners and does not contain solvents, extenders or fillers. Displays low viscosity that grants great coverage and deep penetration (e.g. in capillary cracks)

#### Technical Characteristics

Mixture appearance	Transparent, amber
Density	1,09g/cm <sup>3</sup>
Dosage (by weight)	100A:58B
Hardening time at +25° C	3 hours approximately
Pot life at +25°C	1,5 hour
Full hardening	7 days
Pot life (at +25°C)	1 hour
Low temperatures and high humidity prolong the times mentioned above, while high temperatures decrease them.	
Maximum temperature for resistance to continuous heating (HDT-Value)	+46°C
Tensile strength (DIN 53452)	38 N/mm <sup>2</sup>
Flexural strength (DIN 53452)	80 N/mm <sup>2</sup>
Compressive strength (DIN 53452)	82 N/mm <sup>2</sup>
Hardness-Shore D 15" (ASTM 2240)	83
Abrasion Resistance	72 mg - Taber Test ASTM D 4060 (CS 10/1000/1000)
Adhesion Strength (EN 13892-8)	≥2,5 N/mm <sup>2</sup>
Impact resistance (EN ISO 6272)	IR4

#### Instructions for use

Surface preparation: The substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. Use pressurised air, any suitable mechanical means, or washing with water or solvents. The surface is either forced dry by blowing hot air or is allowed to dry naturally.

Application: Stir each component thoroughly and mix them at the

## Epoxol<sup>®</sup> 2874

predetermined ratio. Apply the mixture on the substrate and spread it with a spatula. Where the use of a glassframe is required, it is attached and pressed by means of a wire- or a felt-roller, so as to come in contact with the marble and sink in the resin.

The mixture is left to dry at temperatures ranging between +12°C and +40°C.

<b>Notes</b>	The product should not be applied at temperatures below + 12 ° C.
<b>Cleaning of tools</b>	Clean all tools and application equipment with solvent <b>Neotex<sup>®</sup> 1021</b> .
<b>Stain removal</b>	Use the solvent mentioned above when the stain is still fresh and damp. In case of hardened stains, use mechanical means. Due to their strong adhesion, stains might not come off.
<b>Packing</b>	1kg and 15,8kg sets (components A & B have fixed weight proportions).
<b>Storage stability</b>	At least 3 years when kept sealed in its original container in dry and covered place.