

DELO-DUOPOX® CR804

Base

- epoxy resin
- two-component
- product is free of nonylphenol

Curing

- at room temperature
- increased temperatures accelerate curing

Processing

- components A and B must be mixed well or homogenized in the mixing ratio stated below
- the surfaces to be bonded must be dry as well as free of dust, grease and other contaminations
- use DELOTHEN cleaners for the cleaning of bonding surfaces

Technical data

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| Color | yellowish transparent |
| Filler | unfilled |
| Mixing ratio (A : B) according to weight | 0.84 : 1 |
| (A : B) according to volume | 0.72 : 1 |
| Density of component A [g/cm ³] at room temperature (approx. 23 °C) | 1.17 |
| Density of component B [g/cm ³] at room temperature (approx. 23 °C) | 1.00 |
| Density [g/cm ³] mixture at room temperature (ca. 23 °C) | 1.07 |
| Viscosity of component A [mPas] at 23 °C | 10000 |
| Viscosity of component B [mPas] at 23 °C | 400 |
| Viscosity of mixture [mPas] at 23 °C | 1000 |
| Pot life in 100 g preparation [min] DIN EN 14022, at 23 °C | 35 |
| Processing time in 100 g preparation [min] at room temperature (approx. 23 °C) | 35 |

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| Curing time until final strength [d] at room temperature (approx. 23 °C) | 7 |
| Tensile shear strength Al/Al [MPa] DIN EN 1465, sand-blasted component thickness: 1.6 mm after 24 h at room temperature (approx. 23 °C) | 10 |
| Tensile strength [MPa] DIN EN ISO 527 | 11 |
| Elongation at tear [%] DIN EN ISO 527 | 60 |
| Young's modulus [MPa] DIN EN ISO 527 | 125 |
| Storage life at room temperature (approx. 23 °C) in unopened original container | 6 months |

Instructions and advice

General

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behavior of the product under practical conditions and its suitability for a specific purpose cannot be concluded from this. It is the user's responsibility to test the suitability of the product for the intended purpose by considering all specific requirements. Type and physical and chemical properties of the materials to be processed with the product, as well as all actual influences occurring during transport, storage, processing and use, may cause deviations in the behavior of the product compared to its behavior under laboratory conditions. All data provided are typical average values or uniquely determined parameters measured under laboratory conditions. The data and information provided are therefore no guarantee for specific product properties or the suitability of the product for a specific purpose. This is a test product. The product is, therefore, subject to modifications.

Instructions for use

The instructions for use of DELO-DUOPOX are available on: www.DELO.de. We will be pleased to send them to you on demand.

Occupational health and safety

see material safety data sheet

Specification

see quality assurance test report