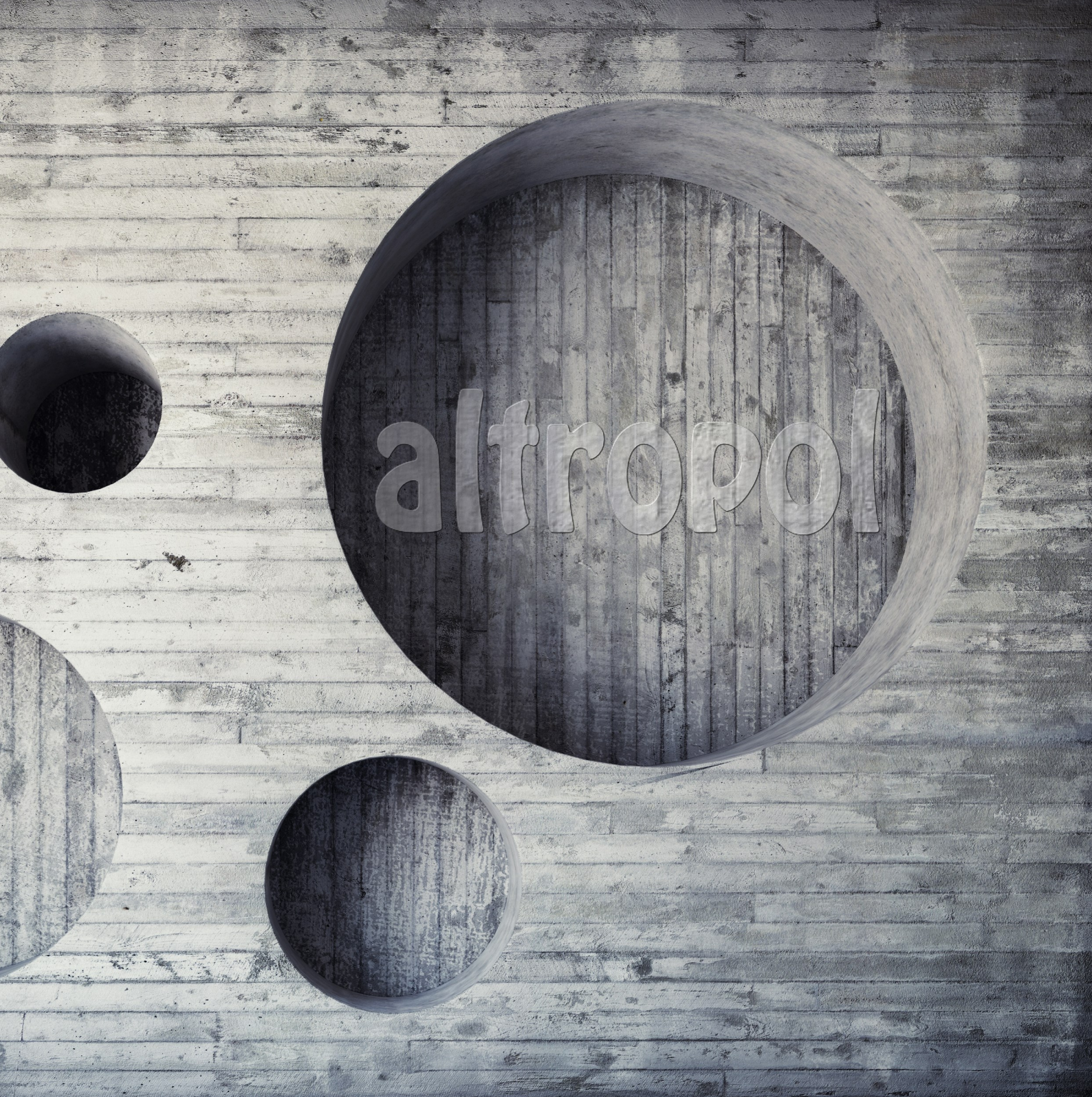
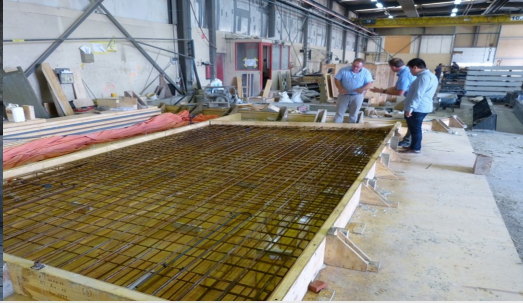




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**Polyurethane Elastomers
for Mould Making
in the concrete Industry**



Concrete - Shape and Design

The design possibilities for the planning and realization of building façades, noise-insulating walls and precast concrete components play a decisive role for architects.

Altropol supports the concrete industry in the implementation of these design possibilities by offering a complete range of polyurethane elastomers of different hardnesses as well as mould making resins.

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Polyurethane Elastomers

Polyurethane elastomers for the production of form liners, moulds for the casting of concrete, cement, gypsum and the formwork construction

NEUKADUR PN 9074

Shore A 75

NEUKADUR PN 9065

Shore A 65

NEUKADUR PN 9155

Shore A 55

Your advantages:

- Extremely high abrasion resistance
- Very good demouldability of the concrete parts
- Very good resistance to alkaline media
- Very good resistance to forming oil
- Low shrinkage
- Very good self-deaeration
- Very good flow behaviour



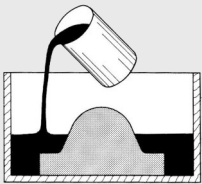
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Buildup variants for carrying bodies and backfilling

To reinforce the elastic surface of the mould, the backfilling is constructed. The following buildup variants are used:

Full casting

NEUKADUR MultiCast 27 / Hardener ISO 5



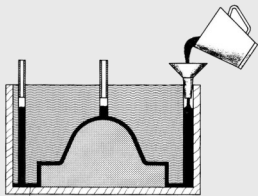
Casting of surface layer

Surface: **NEUKADUR PN 9074 / 9065 / 9155**

Underdimensioned carrying body

Casting: **MultiCast 27 / Hardener ISO 5**

Tamping: **NEUKADUR EP 202 / Hardener T 3 or Hardener T 39 + silica sand**

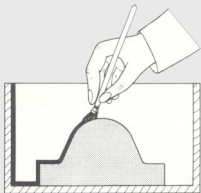


Surface brushing

Surface: **NEUKADUR PN 9074 / 9065 / 9155**

With thixotropic agent

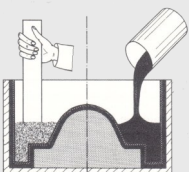
Coupling layer: **NEUKADUR KP 105**



Casting of backfilling : **MultiCast 27/Hardener ISO 5**

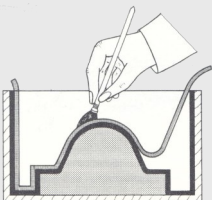
Tamping of backfilling: **NEUKADUR EP 202/**

Hardener T 3 or Hardener T 39 + silica sand



Laminating: **EP 202/Hardener T 3 or Hardener T 39**

Laminating paste: **NEUKADUR LP 900/Hardener LP 900**

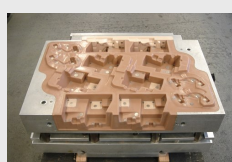


In addition to the special products for the concrete industry, duromer resin systems of altropol are used worldwide in the sector of the tooling and prototyping industry. Industrie



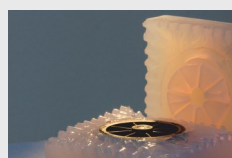
NEUKADUR Epoxy Resins

- gel coats
- casting compounds
- adhesives
- coupling pastes
- laminating pastes
- laminating and multipurpose resins
- foam systems



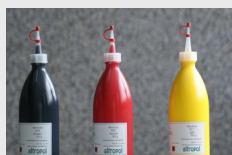
NEUKADUR Polyurethanes

- fast-cast resins
- vacuum casting resins, hard/elastic
- casting compounds
- RIM systems
- elastic mould making compounds
- foam systems
- adhesives



NEUKASIL RTV 2-C Silicones

- condensation-crosslinking/addition-crosslinking
- from Shore 00 to A 70
- BfR-compliant systems
- modelling materials



AltroColor Color Pastes

- formulated pigments for the coloring of polyurethanes, epoxy resins, polyurea systems and polyaspartic systems



NEUKAPOL Polyols

- „green“ polyols for the formulation of coating systems, adhesives, elastomers as well as for corrosion protection

www.altropol.de

www.altrocolor.de

www.neukapol.de

Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer/user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products, you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.

• 2015-03-02.1 / 4/ LW-C •