

High-Performance. Cost-Efficient. Sustainable – Board Materials & Close Contour Pastes for the Construction Industry

RAMPF presents polyurethane and epoxy systems for the manufacture of first-class master models at Totally Concrete I Big Five Global in Dubai

Grafenberg, Germany, November 18, 2024. RAMPF Advanced Polymers is presenting polyurethane board materials and epoxy pastes for the production of master molds with outstanding surface quality and excellent dimensional stability at Totally Concrete I Big Five Global from November 26 to 29 in Dubai – Hall 3 / Booth SS3 E62.

Key Messages

1. RAMPF Advanced Polymers is presenting high-performance board materials and Close Contour Pastes for the construction industry at Totally Concrete I Big Five in Dubai.
2. Polyurethane board materials and epoxy pastes of the RAKU[®] TOOL brand are used to manufacture master molds with outstanding surface quality and excellent dimensional stability.
3. Recycled raw materials and near-contour molds reduce the ecological footprint in model and mold making.

Sustainable products made in Germany – RAKU[®] TOOL board materials and close contour pastes from RAMPF Advanced Polymers improve the ecological footprint of the construction industry:

- > RAKU[®] TOOL board materials contain up to 30 percent raw material components from chemical recycling. Up to 50 percent of in-house production waste is recycled through a proprietary recycling process.
- > The close contour application of RAKU[®] TOOL epoxy pastes significantly reduces material consumption, milling and finishing effort, as well as the amount of production waste.

RAKU[®] TOOL Modeling Boards



The semi-finished products – prefabricated rectangular polyurethane blocks – can be bonded to any shape and in almost any size. Customized RAKU[®] TOOL adhesives are available in a range of hardness levels and colors. Model-making materials are efficiently milled using CNC machines, while some boards are also suitable for manual processing.

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Trade show highlight – RAKU[®] TOOL MB-0670

Properties:

- > Fine surface structure
- > Excellent milling characteristics
- > Easy to seal and varnish
- > Good edge stability

Applications:

- > Master models
- > Architectural models

RAKU[®] TOOL Close Contour Pastes



The innovative two-component epoxy systems are applied to near-contour substructures using mixing and dispensing systems, either manually or with a CNC machine. Compatible with a wide range of substructures – including RAKU[®] TOOL styling block SB-0080 and EPS – Close Contour Pastes cure quickly at room temperature before milling according to CAD data.

Trade show highlight – RAKU[®] TOOL CP-6083 R/ CP-6084 H

Properties:

- > Good edge strength
- > Excellent milling properties
- > Low exothermic
- > Layer thickness 25mm without slump on vertical surfaces

Applications:

- > Large-scale models
- > Wind turbine blade models

Press Release



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www.rampf-group.com



RAMPF Advanced Polymers GmbH & Co. KG based in Grafenberg, Germany, is a leading specialist in the development and manufacture of customized and sustainable solutions for formulating, sealing, casting, and design.

The product portfolio includes

- > Sealing systems, electro casting resins, engineering casting resins, edge and filter casting resins, and adhesives based on polyurethane, epoxy, silicone, and silane-modified polymers
- > Board and liquid materials for model and mold engineering based on polyurethane and epoxy
- > Chemical solutions for the manufacture of customized recycled polyols based on polyurethane, PET, and PIR residues.

RAMPF Advanced Polymers is a company of the international RAMPF Group based in Grafenberg, Germany.

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RAMPF Holding GmbH & Co. KG
Robert-Bosch-Strasse 8-10
72661 Grafenberg
Germany
T + 49.71 23.93 42-0
E advanced.polymers@rampf-group.com
www.rampf-group.com

Your contact for images and further information:

Benjamin Schicker
RAMPF Holding GmbH & Co. KG
Albstrasse 37
72661 Grafenberg
Germany
T + 49.71 23.93 42-1045
E benjamin.schicker@rampf-group.com