



The right solution  
for your process!

## OPTIMIZED RESIN SYSTEMS FOR THE RTM PROCESS

**You will find the best solution for your specific RTM process needs with Sika Advanced Resins Biresin® CR resin systems.**

- With optimized process conditions, cycle times < 3 minutes are possible
- High Tg values up to 180 °C with Biresin® CR170
- Class A surfaces e. g. with Biresin® CR135
- Some systems are suited to the cathodic dip coating process
- Professional process support by Sika Advanced Resins experts
- The development of customer specific solutions are possible

**BUILDING TRUST**



# Biresin<sup>®</sup> RTM Systems

## HIGH PERFORMANCE EPOXY SYSTEMS FOR ESPECIALLY ...

### ... SHORT CYCLE TIMES

#### **Biresin<sup>®</sup> CR170 (A) with Biresin<sup>®</sup> CH135-4 (B)**

- Tg ~ 150 °C
- Well suited for isothermal RTM processes (e. g. at 110 °C)
- Cycle time < 6 min\*

#### **Biresin<sup>®</sup> CR170 (A) with Biresin<sup>®</sup> CH150-3 (B)**

- Tg ~ 140 °C
- Well suited for variothermal RTM processes
- Cycle time < 3 min\*

### ... GOOD SURFACE FINISH

#### **Biresin<sup>®</sup> CR135 (A) with Biresin<sup>®</sup> CH135-4 (B)**

- Tg ~ 150 °C
- Cycle time < 15 min\*

#### **Biresin<sup>®</sup> CR120 (A) with Biresin<sup>®</sup> CH120-6 (B)**

- Tg ~ 115 °C
- Cycle time < 15 min\*

### ... HIGH Tg VALUES

#### **Biresin<sup>®</sup> CR170 (A) with Biresin<sup>®</sup> CH170-3 (B)**

- Tg ~ 170 °C
- Processing temperature of ~60 °C to reduce the viscosity

### ... HIGH IMPACT RESISTANCE

#### **Biresin<sup>®</sup> CR165 (A) with Biresin<sup>®</sup> CH135-4 (B)**

- Tg ~ 160 °C
- High impact resistance, at the same time with a high Tg
- Particular for components where a high impact resistance is needed, e.g. for carbon fibre reinforced wheels

\* with optimized process conditions

Our most current General Sales Conditions shall apply.

Please consult the Product Data Sheet prior to any use and processing.

Actual Product Data Sheets and information about additional products please find in:

[www.sikaadvancedresins.com](http://www.sikaadvancedresins.com)



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