

SaniGel

GELCOAT FOR PRODUCTION
OF HIGH QUALITY SANITARY WARE



- excellent venting
- short post-curing period
- low water absorption
- thermal shock resistance
- increased chemical resistance
- high hardness and impact strength
- scratch resistance
- high gloss
- increased UV resistance

Gelcoat designed for the production of highly resistant, glossy outer layers on fiberglass reinforced laminates, especially sanitary goods such as washbasins, shower trays, and bathtubs. Based on ISO/NPG unsaturated polyester resin.

Comes in three versions for spray application:

- SaniGel FP-1
- SaniGel FP-2
- SaniGel FP-3

and a version for manual application:

- SaniGel P

SaniGel has a high temperature peak, which translates into better post-curing properties, and thus significantly increases strength parameters.

Available in any shade of white from RAL palette or any other white hue upon customer's request (based on a sample). The possibility to quickly strip products made of SaniGel significantly increases work efficiency.

SaniGel is characterized by an extended gel time compared to similar products. This allows for longer deaeration period, which, however, does not significantly affect the post-curing parameters and temperature peak.

VISCOSITY AT 25 °C BROOKFIELD, SP.27/RPM.1

FP-1 **30 000 ÷ 80 000** mPa s
 FP-2 **60 000 ÷ 110 000** mPa s
 FP-3 **120 000 ÷ 170 000** mPa s

GEL TIME AT 25 °C

10 ÷ 20 min

FLEXURAL STRENGTH ACC. TO ISO 178

100 MPa

FLEXURAL MODULUS ACC. TO ISO 527

4 300 MPa

TENSILE MODULUS ACC. TO ISO 527

4 500 MPa

COMPRESSIVE STRENGTH ACC. TO ISO 527

55 MPa

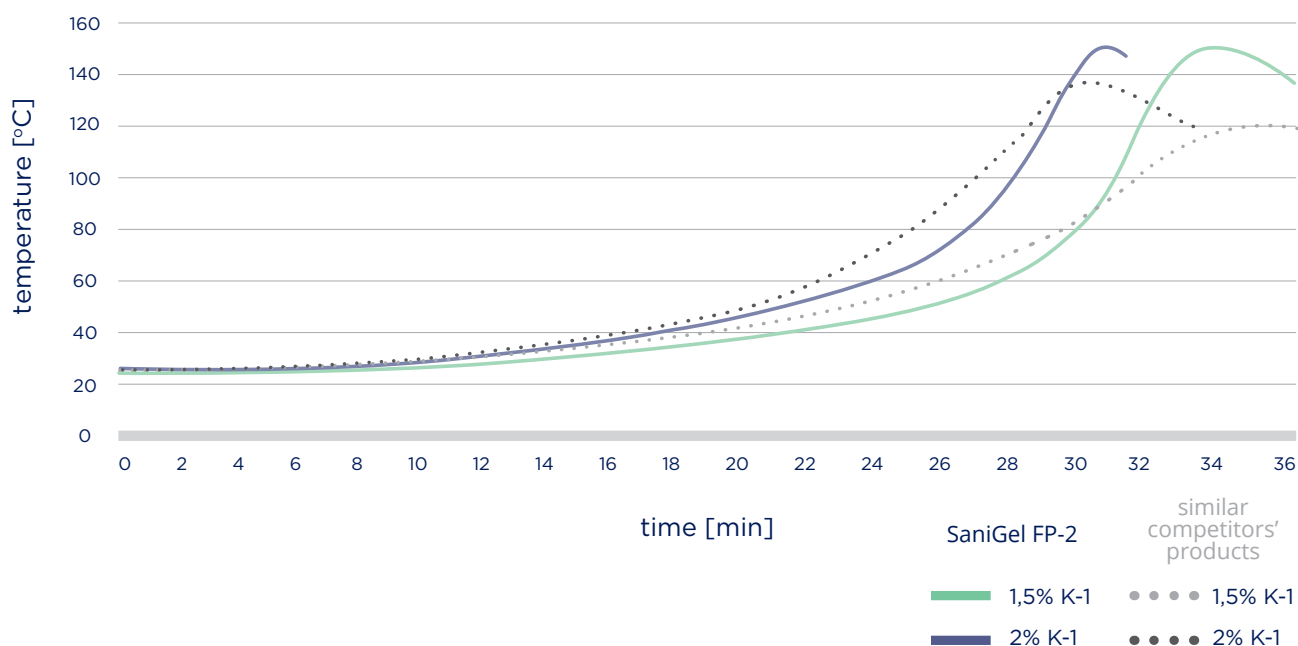
HEAT DEFLECTION TEMPERATURE (HDT) ACC. TO ISO 75

92 °C

BARCOL HARDNESS ACC. TO ASTM D2583-07

52 B

Curing Profile of SaniGel FP-2 vs. similar competitors' products



Jan Strzałkowski

Business Development Manager
 jan.strzalkowski@ciechgroup.com
 tel. +48 500 213 965

GREAT BRITAIN | IRELAND | BENELUX | SPAIN | PORTUGAL
 USA | CANADA | UAE | ASIA | ISRAEL | AFRICA

Rajmund Plawgo

Sales Manager
 rajmund.plawgo@ciechgroup.com
 tel. +49 152 337 167 50

GERMANY | AUSTRIA

Szymon Szpak

Business Development Manager
 szymon.szpak@ciechgroup.com
 tel. +48 609 125 507

CZECH REPUBLIC | SLOVAKIA | HUNGARY | GREECE | TURKEY
 CROATIA | SERBIA | MACEDONIA | ROMANIA

Yuriy Dolgykh

Sales Manager
 yuriy.dolgykh@ciechgroup.com
 tel. +380 95 648 4047

UKRAINE | BELARUS

Arletta Wrona

Key Account Manager
 arletta.wrona@ciechgroup.com
 tel. +48 667 770 377

ITALY | SWITZERLAND | FINLAND
 SWEDEN | NORWAY | DENMARK

Denis Soldatov

Sales Manager
 denis.soldatov@ciechgroup.com
 tel. +7 911 758 8307

RUSSIA | BALTIC COUNTRIES