

# PRODUKTDATENBLATT



Number PD\_GC\_3Deep\_2021\_EN

Product name: **Getacore 3Deep Sheet material**

Product description: *Acrylic-bound Solid Surface material, surface wet sanded (P 600), reverse side dry sanded (P 80). surface foil-protected.*

Application: *Maximum formable sheet material for the production of moulded parts in endfinish surfaces SuperMat/SemiMat/HighGloss for indoor applicatio.*

Colours: *All data refer to the Getacore basic programme.*

PROPERTIES	NORM	UNIT	TEST VALUE
<b>Surface Properties (Usability)</b>			
Spots, dirt and similar surface defects	DIN EN ISO 19712	mm <sup>2</sup> /m <sup>2</sup>	≤ 1
Resistance against dry heat	DIN EN ISO 19712		passed
Light-fastness (Blue scale 6)	ISO 4892 ISO 105-B02 ISO 105-A02		passed
Resistance to elevated temperature (long-term exposure)			70°C
Thermal-cycle water-resistance test	DIN EN ISO 19712		no crack formation visible
Resistance to chemicals	DIN EN ISO 19712		passed
<b>Physical Properties</b>			
Density	DIN EN 323	kg/m <sup>3</sup>	≈ 1280
Weight per unit area	W&G QS Prüfung	kg/m <sup>2</sup>	6 mm: 7,68 10 mm: 12,80
Coefficient of thermal expansion	DIN 53752	K <sup>-1</sup>	5,2 x 10 <sup>-5</sup>
Barcol hardness	DIN EN 59		58
Modulus of elasticity	DIN EN 310	N/mm <sup>2</sup>	3700
Tensile strength	DIN EN ISO 527	MPa	50
Indentation hardness	DIN EN ISO 2039-1	N/mm <sup>2</sup>	200
Impact resistance (falling-ball test)	DIN EN ISO 19712		passed
<b>Tolerances</b>			
Thickness tolerance	W&G Internal Test	mm	± 0,2

## Surface note:

Signs of scratches and daily wear and tear are inevitable during normal use and these become more obvious in the case of high-gloss and colour-intensive decors in comparison to other decors. Especially for GetaCore Uni decors minor occasional dust inclusions cannot be ruled out due to production procedures.

The transport protection film temporarily protects the surface against dirt, scratches and abrasion; it does not to protect against corrosion, moisture or chemical agents. The transport protection film should be removed before processing, and the boards should be inspected for possible defects or damage.

Not recommended for use as a kitchen countertop or kitchen sinks.

The material is not recommended for applications where it is exposed to heat sources that can raise the material temperature to over 70°C.

For detailed information on care, maintenance and refreshing of Getacore surfaces, please visit [getacore.com](http://getacore.com). Our warranty does not cover damage resulting from failure to comply with our instructions and guidelines, including but not limited to damage caused by physical impact, chemical impact (e.g. harsh cleaning agents and solvents), thermal impact (e.g. excessive heat of objects or appliances above 70°C) or misuse.

The processor/installer alone is responsible for faults caused by improper processing that deviate from the processing and care instructions.

[www.getacore.com/en/service/](http://www.getacore.com/en/service/)

## Processing instructions - thermoforming:

For processing, similar guidelines apply as for the forming of Getacore Optimal, Smart and Classic. Basically, the materials differ in the use of the maximum temperature. Getacore 3Deep can be heated up to 190 °C.

Heating depends on heating technique and temperature, at 190 °C: approx. 12–18 minutes at Thickness = 6 mm, approx. 20–30 minutes at Thickness = 10 mm. The heating times may vary depending on the heat source and material thickness, so you should test the material first. Remove the workpiece from the mould once the temperature has returned to approx. 50 °C. Sanding is required once the thermoforming process is complete.

## Tentativeness note:

Our tests / recommendations are issued / executed to the best of knowledge and with special accuracy. No responsibility can be assumed for printing mistakes, norm errors and for falsities. Technical amendments might result from the continuous development as well as from alterations of norms / standards and documentations of public law. For these reasons the content of this recommendation can neither serve as an instruction manual nor as a legally binding basis.