



Aglas SAN
Sanitary grade Cast acrylic
sheets
Technical Specification



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Aglas - Sanitary grade Cast acrylic sheets

Aglas cast acrylic sheets are produced by cell cast technology, which assure best surface properties, wide color range, excellent physical properties and thermoforming capability. Sanitary grade ***Aglas*** sheets are specially chemically designed for bath and tubes production.



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Aglas sanitary grade sheets are protected with special thermoformable film.

Recommended temperature range for thermoforming is 175-185°C. Surface can be easily cleaned with no abrasive liquid means. Tiny scratches can be removed by mild polishing agents.



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Sizes

Standard dimensions for sanitary grade Aglas sheets are designed to match most standard sizes of baths and sanitary products. Standard sizes are:

*1550x1550, 1750x1750,
1950x1850, 1950x1950,
2040x1240, 2400x1600,
2550x1850, 2250x1750,
2240x1240 mm.*

Other sizes are available on request. Aglas sanitary grade sheets are available in thickness of 3, 3.2, 4 and 5 mm, we are also able to produce thicker sheets.



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Colors

Standard color range follows standard colors of ceramic products and match other European manufacturers of sanitary acrylic. Special colors are available on request.



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Standard color list

Colour Type	Tolerances	Code	Name
White	$\Delta L=1,2$	050	White
	$\Delta a=0,3$	051	European White
	$\Delta b=0,4$	054	Classical White
	$\Delta E=1,2$	057	Bianco Italiano
		059	Bianco
Pastel	$\Delta L=1,2$	255	Sunrise
	$\Delta a=0,4$	553	Pergamon
	$\Delta b=0,5$	556	Jasmin
	$\Delta E=1,3$	451	Whisper Pink
		651	Agäis
		753	Whisper Blue
Saturated	$\Delta L=1,6$	550	Biege
	$\Delta a=0,3$	652	Calypso
	$\Delta b=0,6$	752	Bemuda
	$\Delta E=1,6$	951	Manhattan



Cast acrylic sheets *Aglas- Sanitary grade*

Quality

Quality assurance and control is our main concern. Our products are regularly tested according to QA system certified to ISO 9001/2000 and 14001/1997.





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Typical properties of Aglas cast acrylic sheets - Sanitary grade

<i>Properties</i>	<i>Test method</i>	<i>Units</i>	<i>Typical values</i>
<i>Tensile strength</i>	ISO527-2/1B	MPa	68
<i>Modulus of elasticity</i>	ISO527-2/1B	MPa	3000
<i>Elongation</i>	ISO527-2/1B	%	4
<i>Impact strength (Charpy)</i>	ISO 179/1	kJ/m ²	15,5
<i>Vicat softening temperature</i>	ISO 306 B50	°C	108-111
<i>Dimensional changes</i>	ISO 7823-1	%	2,5
<i>Dimensional tolerances</i>	ISO 7823-1	-	correspond
<i>Water absorption</i>	ISO 62	%	0,5
<i>Thermal stability</i>	EN 263	-	4
<i>Color stability to hot water</i>	EN 263	-	4
<i>Color light fastness</i>	EN 263	-	4
<i>Chemical resistance</i>	EN 263	-	resistant
<i>Resistance to hot water</i>	EN 263	-	resistant



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