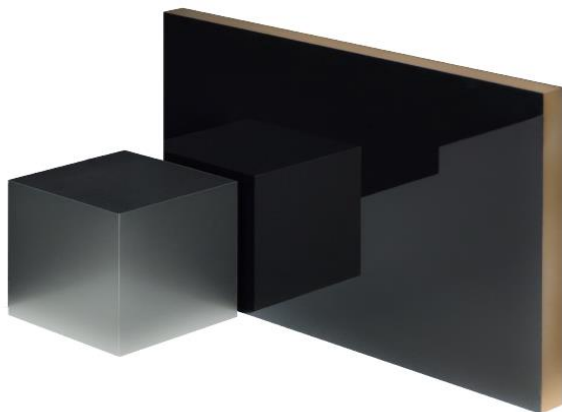


## Technical data sheet

### Product: Acrylic Gloss MDF



### Product identification

Used in luxury furniture components, kitchen frontals, interior design and commercial spaces, Acrylic Gloss Boards offer exceptionally high gloss levels and improved scrub resistance.

They are based on a 15, 17 and 24 mm MDF material covered with 0.7 mm gloss lacquered acrylic on the front side and 0.6 mm high-impact polystyrene film on the reverse to improve stability.

Supplied with a PE foil to protect the surface, Acrylic Gloss boards have excellent chemical resistance and high UV stability.

By the request of customers, we make boards according to EN16516.

#### Requirements for mechanical properties

Properties	Norm	Unit	Thickness range			
			>9-12 mm	>12-19 mm	>19-30 mm	>30-40 mm
Density	EN 323	kg/m <sup>3</sup>	780 ± 20			
Internal bond	EN 319	N/mm <sup>2</sup>	≥ 0,60	≥ 0,55		≥ 0,50
Bending strength	EN 310	N/mm <sup>2</sup>	≥ 22	≥ 20	≥ 18	≥ 17
Modulus of Elasticity	EN 310	N/mm <sup>2</sup>	≥ 2500	≥ 2200	≥ 2100	≥ 1900
Swelling in thickness, 24 h	EN 317	%	≤ 15	≤ 12	≤ 10	≤ 8
Moisture	EN 322	%	4-11			
Formaldehyde content	EN ISO 12460-5	≤ 4 mg / 100 g				

#### General requirements

Properties	Norm	Unit	Value
Thickness tolerance	EN 324-1	mm	≤ 19 mm ± 0,2, >19 mm ± 0,3
Width and length tolerance	EN 324-1	mm	2 mm/m max. ± 5,0 mm
Edges tolerance	EN 324-2	mm/m	1,5
Squareness tolerance	EN 324-2	mm/m	2,0

#### Optical properties

Properties	Norm	Unit	Value
Gloss level (60° gloss master)	DIN 67530	GLE	>85
Scratch resistance	IHD W-466		Class 1 - < 20 %
Color stability – 200 h Xenon test	ISO 4892-2		< 1,7

### Manufacturer identification:

KRONOSPAN CRO d.o.o.  
 Slavonska cesta 17  
 43000 Bjelovar  
 Croatia

### Contact data for product information:

Phone: +385 43 247 910  
 Email: sales@kronospan.hr