

HOMAPAL AQUARIS SPASYSTEM



Technical Data Sheet

HOMAPAL AQUARIS	Unit	Value	Norm
Dimensions (final dimension after trimming)	[mm]	~ 3030 x 1280	-
Thickness element	[mm]	~ 7,4	-
Thickness topcoat	[mm]	0,7 - 1,2	-
Thickness substrate	[mm]	Adapted to thickness topcoat	-
Balancer	[mm]	Formica HPL 0,7 - 1,2	
SUBSTRATE			
Material	-	Closed cellular polyurethane foam	EN 12664
HPL-SURFACE			
Impact resistance	-	Extremely impact resistant	EN 438
Resistance to abrasion	U	≥ 500	EN 438-2
Resistance to impact stress	Grade	≥ 2	EN 438-2
Light fastness	Grey Scale	Grey Scale ≥ 4 (highly light resistant)	EN 438-2
Formaldehyde emission	-	E1	EN 717-2
MECHANICAL PROPERTIES			
Bending strength	[kNcm ³ /m]	22-37	DIN EN 310, 8/1993
Tensile transverse strength	[N/mm ²]	0,8-1,5	
Modulus of elasticity	[N/mm ²]	850-3584	DIN EN 310, 8/1993
Water absorption	%	0,01	DIN 53495
Impact resistance (small ball)	[N/mm ²]	18	DIN EN 438-2-20
Warm water storage (65 degree / 48h)	Appearance	Grade 5	
PHYSICAL PROPERTIES			
Heat resistance	[°C]	-50 bis +80	-

HOMAPAL | Technical advisor:
Dr. Stefan Schmiedinghöfer
phone: +49 5521 856-0
info@homapal.de

Subject to technical modifications. The latest edition applies in each case. The information contained is based on our current state of the art. The generally recognised rules of building technology, relevant standards, guidelines and trade rules must be complied with by the persons carrying out the work, along with the processing regulations. Our warranty only covers correct composition of our material. Information about consumption, quantities and versions are based on experience, and are not applicable directly to other situations if the conditions are different. All rights reserved..