

## Qboard® basiq

Properties	Standard	Unit	XPS core
Bulk density	EN 1602	kg/m <sup>3</sup>	> 30
Rated value, thermal conductivity $\lambda_D$	EN 13164	W/(m · K)	0.034 <sup>1</sup>
Compressive strength and/or compressive stress at 10 % compression	EN 826	N/mm <sup>2</sup>	> 0.30 <sup>2</sup>
Dimensional stability at 40 kPa pressure and 70 °C temperature load	EN 1605	%	≤ 5
Dimensional stability at 70 °C and 90% relative humidity	EN 1604	%	≤ 5
Vapour diffusion resistance factor $\mu$ (dependent on thickness)	EN 12086	-	60 - 200
Water absorption on long-term immersion	EN 12087	Vol-%	≤ 1
Linear thermal expansion coefficient	-	mm/(m · K)	0.07
Reaction to fire	EN 13501-1	Class	Euroclass E
Working temperature	-	°C	-50 / +75

  

Properties	Standard	Unit	Qboard® basiq	
Tensile strength	EN 1607	kPa	≥ 200	
Tolerances	Width	EN 822	± 2	
	Length	EN 822	± 2	
	Rectangularity	EN 824	mm/m	≤ 5
	Evenness	EN 825	mm	≤ 2
Edge profile	-	-	smooth	

<sup>1</sup> at 80 mm  $\lambda_D = 0.035$  W/(m·K)

<sup>2</sup> 0.2 N/mm<sup>2</sup> for Qboard® basiq in 20 mm

### Information:

We would like to point out that the data, images, technical information and drawings provided in the brochure are general details and suggestions. The illustrations are schematic and demonstrate the basic functional principle. Exact dimensions are not specified. The fabricator/customer is responsible for testing the applicability with regard to the respective construction project. The technical specifications and data for the products in the installation instructions, technical data sheets and system descriptions/approvals must be observed. Due to the many different possible applications for Qboard® products, which cannot always be checked for correct following of installation instructions, handling and installation, JACKON Insulation GmbH shall only be liable for the data stated herein in accordance with licensing regulations.

The precise installation instructions and additional information can be found on our homepage [www.myqboard.com](http://www.myqboard.com).