



## Specification for FENIXFOAM

Properties	Standard	Unit	Value						
Type	----	----	STRUCTURAL FOAM						
Nominal density	ASTM - D 1622	kg/m <sup>3</sup>	60	80	100	160	200	380	
Compressive strength(perpendicular to the plane)	ASTM - D 1621	Mpa	0,57	0,84	1,3	2,6	3,8	10	
Compressive modulus(perpendicular to the plane - procedure A)	ASTM - D 1621	Mpa	22	33	45	81	110	182	
Shear strength	ASTM - C 273	Mpa	0,35	0,44	0,52	0,73	0,88	3,2	
Shear elongation	ASTM - C 273	%	7	7	7	7	8	8	
Closed cell content	ASTM - D 2856	%	%	> 95	> 95	> 95	> 95	> 95	
Water absorption	ASTM - C 272	kg/m <sup>2</sup>	0,06	0,043	0,045	0,043	0,024	0,027	
Heat distortion temperature	DIN - 53 424	°C	130	140	150	165	185	165	
Fire performance	AFNOR-NF F 16.101	'--	'--	'--	M1	M1	M1	'--	
	AFNOR-NF F 16.101	--	--	--	F1	F1	F1	--	
	UNI - 8457 - 9174	--	--	--	class 1	class 1	class 1	--	
Service temperature	----	°C	'-180, +110						
Standard sheet dimensions (width x length)		mm	1200 x 2400 (± 5)						
Colour	----	----	NATURAL	GREY	GREEN	NATURAL	NATURAL	NATURAL	
Standard thickness (min - max)	----	mm	6 - 200 (± 0,2)	6 - 200 (± 0,2)	6 - 200 (± 0,2)	6 - 150 (± 0,2)	6 - 100 (± 0,2)	6 - 60 (± 0,2)	

### NOTES:

The technical data contained in the technical sheet represent average values that come from quality controls. They have an approximate value and they should not be interpreted as guaranteed minimal values. The accurate calculation of minimal values for sandwich constructions can be supplied upon request.

The information here reported have to be considered correct according to our technical and scientific knowledge. However, we do not release any guarantee, expressed or implicit, for the result obtained through the use of such information. Our clients should do their tests in order to verify that the product is according to the specific end use of their purposes.

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