



Product Datasheet #1.1 _ 15 Mar 2017

Noviclad G : Subcategory: NoviClad Surface: Façade Panel

Fiber reinforced calcium silicate board - high density.

Product specification:

Dimensions: 2440 x 1220 mm

Thickness: 9 mm and 12 mm

The boards are sold through-colored and can serve as an exterior façade panel.

Product characteristics:

- Non toxic
- Fire safe (see technical properties)
- Inorganic material, resistant against fungi and mold
- The product is autoclaved during 10 hours
- The product becomes 100% stabilized during the autoclaving process
- Free of asbestos
- Moisture proof
- Durable
- Excellent weather resistance
- Possible finishings : hydrophobation by impregnation, polishing or sanding.

Product tolerances:

Lenght tolerance	mm	+/- 2
Width tolerance	mm	+/- 2
Thickness tolerance	mm	0,5
Edge straightness	mm/m	1
Squareness	mm/m	1
Surface unevennes	mm/m	1

Product technical properties:

Density EN12467	g/cm ³	MIN 1,40
Bending strenght \perp air dry EN12467	N/mm ²	MIN 22
Bending strenght II air dry EN 12467	N/mm ²	MIN 18
Water content EN 12467	%	MAX 10
Hygric movement 0 tot 100% EN 12467	mm/m	1,6
Hygric movement after 24 hours submersion EN 12467	mm/m	MAX 1,2
Water absorption EN 12467	%	MAX 28
Moisture absorption	%	2,10
Thermal conductivity (average temperature)	w/ (m • k)	MAX 0,35
E. Modulus in the width direction	N/mm ²	11947
E Modulus in the longitudinal direction	N/mm ²	12255
Asbestos content		no asbestos found
Fire reaction EN 13501-1		Class A1
Freeze thaw EN 12467		OK

Product features & applications:

Cladding: exterior and interior

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