

Notified body No.1121
Warrington Certification Limited, Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK

Certificate of constancy of performance

1121-CPR-HA0002

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

“DensGlass® Sheathing”

Intended use: Gypsum wallboards and liners with fibrous reinforcement

Product Performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire, Euroclass characteristics	A1 (Classification Report No#185630)	EN 15283-1:2008/A1:2009
Flexural strength (N)	≥ 356	
Shear strength	NPD	
Direct air borne sound insulation	NPD	
Acoustic absorption	NPD	
Water vapour permeability($\text{ng}/\text{Pa}\cdot\text{s}\cdot\text{m}^2$)	>970	
Thermal resistance ($\text{m}^2 \cdot \text{K}/\text{W}$)	0.099 TO 0.118	
Impact resistance	NPD	

Product Specification (See Pages 3 and 4)

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Produced for

Georgia-Pacific Gypsum LLC
Decatur R & D Technical Center
2861 Miller Road
Decatur
GA 30035
United States of America

and produced in the manufacturing plant

B/041

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 15283-1:2008/A1:2009

under system 1 of AVCP are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on **01/07/2013** has been revised on **01/03/2016** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



Paul Duggan
Certification Manager
Warrington Certification Ltd



Product Specification

General description		A coated glass fibre faced gypsum lining board product	
Product reference		DensGlass® Sheathing	
Manufacturer of composite		Georgia-Pacific Gypsum LLC, Savannah, GA plant	
Overall Thickness of composite		12.7 and 15.9 mm (1/2" and 5/8" inch)	
Weight per unit area of composite		min. 9.3 kg/m ² (1900 lbs/msf) and 11.34 kg/m ² (2500 lbs/msf)	
Product configuration		<ul style="list-style-type: none"> • Yellow Carbonate acrylic liquid coating (front face) • Fibreglass facer (Front) • Gypsum Core • Fibreglass facer (Back) • Yellow Carbonate acrylic liquid coating (reverse face) 	
Complete panel product	Carbonate acrylic liquid coating (Yellow)	Product reference	"Face mat coating"
		Generic type	Carbonate acrylic
		Colour	Yellow
		Number of coats	One
		Application rate per coat	0.1318 kg/m ² (27 lb/msf)
		Application method	See Note 1
		Curing process (duration and temperature)	See Note 1
		Flame retardant details	See Note 2
		Brief description of manufacturing process	See Note 1
	Fibreglass facer (Front)	General description	Fiberglass face mat
		Generic type	Tissue mat comprising fiberglass and acrylic resin
		Trade name / product reference	"VL-3106"
		Weight per unit area	0.0879-0.5371 kg/m ² (18 -110 lbs/msf)
		Colour	White
		Generic type of resin	Acrylic
		Trade name / product reference of resin	See Note 1
		Amount of resin	25%
		Flame retardant details	See Note 2
	Brief description of manufacturing process	Wet laid process	
	Gypsum Core	Product reference	"Gypsum core"
		Generic type	Gypsum
		Detailed description / composition details	Gypsum and proprietary additives
		Name of manufacturer	Georgia-Pacific Gypsum LLC
		Weight per unit area	min. 9.3 kg/m ² (1900 lbs/msf) and 11.34 kg/m ² (2500 lbs/msf)
		Flame retardant details	See Note 2
		Brief description of manufacturing process	See Note 3

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Fibreglass facer (Back)	General description	Fiberglass back mat
	Generic type	Tissue mat comprising fiberglass and acrylic resin
	Trade name / product reference	"VL-3109"
	Thickness	0.84 mm (0.033 inches)
	Weight per unit area	0.0976-0.5371 kg/m ² (20 -110 lbs/msf)
	Colour	White
	Generic type of resin	Acrylic
	Trade name / product reference of resin	See Note 1
	Amount of resin	25%
	Flame retardant details	See Note 2
	Brief description of manufacturing process	Wet laid process
Carbonate acrylic liquid coating (Yellow)	Product reference	"Back mat coating"
	Generic type	Carbonate acrylic
	Colour	White
	Number of coats	One
	Application rate per coat	0.1464 kg/m ² (30 lb/msf)
	Application method	See Note 1
	Curing process (duration and temperature)	See Note 1
	Flame retardant details	See Note 2
Brief description of manufacturing process	See Note 1	
Brief description of manufacturing process of the composite product		Gypsum core is blended and formed between the coated facer mats on both the front and reverse of the panel

Note 1: The sponsor was unable to provide this information.

Note 2: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product / component.

Note 3: The sponsor was unwilling to provide this information.

----- End of Certificate -----