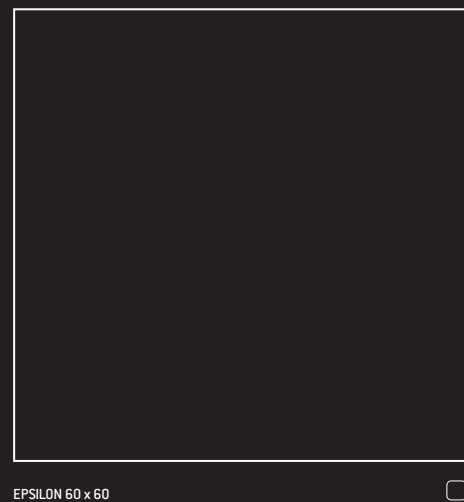


# COMPACGLASS / EPSILON

COMPACGLASS / GRES PORCELÁNICO ESMALTADO / GLAZED PORCELAIN TILES 60 x 60 / 30,3 x 61,3 cm / 24" x 24" / 12,12" x 24,52"



EPSILON 60 x 60



EPSILON 30,3 x 61,3

**TCNA** PRODUCT TESTING SERVICES  
100 Clemson Research Blvd. Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2621

TCNA TEST REPORT NUMBER: TCNA-030-11

TEST SUBJECT MATERIAL: Identified by client as: 30x60 Epsilon

TEST DATE: 2/9/11

TEST PROCEDURE: ASTM C1028, "Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method"  
-A Chastillon DFIS 100 digital force gauge was used to measure each pull in pounds-force.  
-A 3 x 3 x 1/8-inch piece of Neolite was used as the sensor.

TEST RESULTS: The average static coefficient of friction of four (4) pulls on each tile was as follows:

Tile	As Received	After Cleaning
Tile 1		
Dry	0.79	0.79
Wet	0.59	0.59
Tile 2		
Dry	0.80	0.79
Wet	0.59	0.60
Tile 3		
Dry	0.82	0.79
Wet	0.59	0.60

The average static coefficient of friction of twelve (12) pulls as follows:

	As Received	After Cleaning
Dry	0.80	0.79
Wet	0.59	0.60

Kathy Sillipoy Laboratory Manager Date

LINE-ENV 12633

CLASE 1

Sin rectificar/Non rectified

Características dimensionales	Normas de Ensayo	Valores Prescritos Norma EN 14411	Valor Medio	Standard	Value Required by EN 14411 Standard	Average Value
Longitud y anchura Espesor Rectitud de lados Ortogonalidad Desviación de la planitud	ISO 10545-2	+/- 0,6 % +/- 5 % +/- 0,5 % +/- 0,6 % +/- 0,5 %	Cumple la norma	ISO 10545-2	+/- 0,6 % +/- 5 % +/- 0,5 % +/- 0,6 % +/- 0,5 %	Conforms to standard
Absorción de agua	ISO 10545-3	≤ 0,5 %	0,1 %	ISO 10545-3	≤ 0,5 %	0,1 %
Resistencia a la flexión	ISO 10545-4	≥ 35 N/mm <sup>2</sup> ≥ 1800 N	45 - 60 N/mm <sup>2</sup> 1800 - 2500 N	ISO 10545-4	≥ 35 N/mm <sup>2</sup> ≥ 1800 N	45 - 60 N/mm <sup>2</sup> 1800 - 2500 N
Resistencia a la abrasión superficial	ISO 10545-7	Clase indicada por el fabricante	Según modelos	ISO 10545-7	Abrasion class indicated by the manufacturer	According to models
Dilatación térmica lineal	ISO 10545-8	Método de ensayo disponible	< 7,0 x 10 <sup>-6</sup> °C <sup>-1</sup>	ISO 10545-8	Test method available	< 7,0 x 10 <sup>-6</sup> °C <sup>-1</sup>
Resistencia al choque térmico	ISO 10545-9	Método de ensayo disponible	Resiste	ISO 10545-9	Test method available	Resists
Resistencia al cuarteo	ISO 10545-11	Exigida	Resiste	ISO 10545-11	Requerid	Resists
Resistencia a la helada	ISO 10545-12	Exigida	Resiste	ISO 10545-12	Requerid	Resists
Resistencia al ataque químico	ISO 10545-13	Método de ensayo disponible Mínimo GB	Cumple la norma Clase GA	ISO 10545-13	Test method available Minimum GB	Conforms to standard Clase GA
Resistencia a las manchas	ISO 10545-14	Mínimo clase 3	Cumple la norma	ISO 10545-14	Minimum class 3	Conforms to standard

**PAMESA**  
CERAMICA

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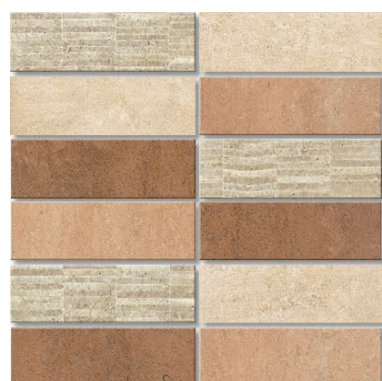
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# COMPACGLASS / EPSILON



**PAMESA**  
CERAMICA





Malla EPSILON Marfil  
30 x 30 (5 x 15)



Malla EPSILON Perla  
30 x 30 (5 x 15)



EPSILON PERLA



EPSILON MICA



EPSILON MOCHA



EPSILON MARFIL



EPSILON BEIGE



EPSILON SIENA



EPSILON TABACO