

**Code & product name:** 979408 INTERNAL WALL DM 6MM 1219X2438MM, 981098 INTERNAL WALL ¿OCK DM 6MM 1200X2400MM

**Description:** Plycem Exterior is a product designed for interior cladding with monolithic finish (hidden joints). It is resistant to humidity, insect attacks and heat. It can be installed principally on a wooden structure. It is a high-performance solution against humidity and wheremaximum durability, resistance and construction facility are required. Installation aspects can be consulted at [www.plycem.com](http://www.plycem.com) in the Plycem Interior Exposed Joint Installation Guide.

#### Manufacture and Quality Control

Plycem panels are manufactured at facilities certified with the ISO 9001:2015, ISO 14001:2015 and ISO 45001: 2018 standards. Plycem Exterior boards are Type A, Grade in accordance with the ASTM C 1186-08 standard and Category A Class 1 Level 1 in accordance with the INTE/ISO 8336:2018. The product complies with Costa Rican Technical Regulation RTCR 491:2017

#### Product Components

Portland cement, calcium carbonate, cellulose fibers, and other minor aggregates. They comply with the resistance, safety, and durability requirements and with the most demanding environmental regulations.

#### Environmental product declaration

In accordance with ISO 14025 and EN 15804:2012+A1

#### Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm <sup>2</sup> ) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm <sup>2</sup> ) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm <sup>3</sup> ) (ISO 8336)	1.08	1.18
Moisture (%) (Own process)	0.0	8.0
Total water absorption (%) (ISO 8336)		40
Superficial absorption Cobb(%) (Own process)		25
Moisture Movement (%) (ISO 8336 / ASTM C 1186)		0.13
Total shrinkage (mm/m) (Own process)		3.5
Water absorption (Karsten)(ml/24h) Exposed side (Own process)		6.0
Smoke development (ASTM E-84)		0
Flame spread (ASTM E-84)		0

#### Physical characteristics

##### Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
<b>Thickness</b>	6.0	±0.6
<b>Useful width</b>	1219   1200	±2.0
<b>Length</b>	2438   2400	±2.0
<b>Diagonal</b>	2726   2683	±2.0

##### Weight and coverage

<b>Length</b>	2438 mm	2400 mm
<b>Weight (kg/un)</b>	21.53	20.86
<b>Useful coverage (m<sup>2</sup>)</b>	2.97	2.97

Ask for minimum production quantity and available stock.



#### Certifications

PLYCEM Construsistemas Costa Rica S.A.



PLYCEM Construsistemas El Salvador S.A.



Warranty inquiries on [www.plycem.com](http://www.plycem.com)

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Release Date: January 2023

**Code & product name:** 959980 PLYCEM INTERIOR 8mm 1219 x 2438mm

**Description:** Plycem Interior 8 mm boards are used in the installation of internal walls with visible joints, ceilings, wall repairs, furniture, furniture partitions, shelves and in partition walls. Available in natural gray color.

Installation aspects can be consulted at [www.plycem.com](http://www.plycem.com) in Plycem Interior Exposed Joint Installation Guide.

#### Manufacture and Quality Control

Plycem panels are manufactured at facilities certified with the ISO 9001:2015, ISO 14001:2015 and ISO 45001: 2018 standards. Plycem Interior boards are Type A, Grade in accordance with the ASTM C 1186-08 standard and Category A Class 1 Level 1 in accordance with the INTE/ISO 8336:2018. The product complies with Costa Rican Technical Regulation RTCR 491:2017

#### Product Components

Portland cement, calcium carbonate, cellulose fibers, and other minor aggregates. They comply with the resistance, safety, and durability requirements and with the most demanding environmental regulations.

#### Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm <sup>2</sup> ) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm <sup>2</sup> ) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/dm <sup>3</sup> ) (ISO 8336)	1.00	1.15
Moisture (%) (Own process)		10.0
Total water absorption (%) (ISO 8336)		40
Superficial absorption Cobb(%) (Own process)		25
Moisture Movement (%) (ISO 8336 / ASTM C1186)		1.3
Total shrinkage (mm/m) (Own process)		4.0
Water absorption (Karsten)(ml/24h) Exposed side (Own process)		3.0
Smoke development (ASTM E-84)		0
Flame spread (ASTM E-84)		0

#### Environmental product declaration

In accordance with ISO 14025 and EN 15804:2012+A1

#### Physical characteristics

##### Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	8.0	±0.6
Useful width	1219	±1.0
Length	2438	±2.0
Diagonal	2726	±2.0

##### Weight and coverage

Weight (kg/un)	27.15
Useful coverage (m <sup>2</sup> )	2.97

Ask for minimum production quantity and available stock.



#### Certifications

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