

Code & product name: 960018 WALL EXTER/INTER DM 8MM 1219X2438MM 2BR, 960019 WALL EXTER/INTER DM 8MM 1219X2438MM GRIS, 972234 WALL EXTER/INTDM 8MM 1200X2400MM 2BRHDRF

Description: Plycem Exterior is a product designed for interior and exterior cladding with monolithic finish (hidden joints). It is resistant to weathering, insect attacks, heat and humidity. It can be installed on metal or wooden structure. It is a high-performance solution outdoor and where the maximum durability, resistance and ease of construction are required. The board can be manufactured with a tapered edge to obtain a better surface finish.

Installation aspects can be consulted at www.plycem.com in the Plycem Exterior Hidden 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.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm ²) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm ³) (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 C1186)		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

Environmental product declaration

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

Physical characteristics

Code	Nominal Measurements			Tolerance (mm)
	960019	960018	972234	
Width (mm)	1219	1219	1200	±2.0
Length (mm)	2438	2438	2400	±2.0
Weight (kg/un)	28.71	28.47	27.59	-
Useful coverage(m ²)	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

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Release Date: January 2023

Code & product name: 960093 WALL EXTER/INT DM 10MM 1219X2438MM 2BR, 960096 WALL EXTER/INTER DM 10MM 1219X3048MM, 974213 WALL EXTER/INTER 10MM 1200X2400MM GRHDFG

Description: Plycem Exterior is a product designed for interior and exterior cladding with monolithic finish (hidden joints). It is resistant to weathering, insect attacks, heat and humidity. It can be installed on metal or wooden structure. It is a high-performance solution outdoor and where the maximum durability, resistance and ease of construction are required. The board can be manufactured with a tapered edge to obtain a better surface finish.

Installation aspects can be consulted at www.plycem.com in the Plycem Exterior Hidden 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 ²) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm ²) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm ³) (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

Code	Nominal Measurements			Tolerance (mm)
	960093	960096	974213	
Width(mm)	1219	1219	1200	±2.0
Length (mm)	2438	3048	2400	±2.0
Weight (kg/un)	35.89	44.87	34.78	-
Useful coverage(m ²)	2.97			

Ask for minimum production quantity and available stock.



Certifications

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Code & product name: 979441 EXTERNAL/ INTERNAL WALL DM 11mm 1219x2438mm

Descripción: Plycem Exterior is a product designed for interior and exterior cladding with monolithic finish (hidden joints). It is resistant to weathering, insect attacks, heat and humidity. It can be installed on metal or wooden structure. It is a high-performance solution outdoor and where the maximum durability, resistance and ease of construction are required. The board can be manufactured with a tapered edge to obtain a better surface finish.

Installation aspects can be consulted at www.plycem.com in the Plycem Exterior Hidden 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

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm ²) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm ³) (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 C1186)		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

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

Physical characteristics

Measurement	Size (mm)	Tolerance (mm)
Thickness	11	±0.6
Useful width	1219	±2.0
Length	2438	±2.0
Weight	39,48	-

Ask for minimum production quantity and available stock.



Certifications

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Release Date: January 2023

Code & product name: 979422 WALL EXTER/INTER DM 12MM 1219X2438MM, 979911 WALL EXTER/INTER DM 12MM 1219X2438MM 2BR, 980261 WALL EXTER/INTER DM 12MM 1219X3048MM 2BR

Description: Plycem Exterior is a product designed for interior and exterior cladding with monolithic finish (hidden joints). It is resistant to weathering, insect attacks, heat and humidity. It can be installed on metal or wooden structure. It is a high-performance solution outdoor and where the maximum durability, resistance and ease of construction are required. The board can be manufactured with a tapered edge to obtain a better surface finish.

Installation aspects can be consulted at www.plycem.com in the Plycem Exterior Hidden 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.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm ²) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm ³) (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

Environmental product declaration

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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)	
Thickness	12.0	±0.6	
Useful width	1219	±2.0	
Length	2438	3048	±2.0
Diagonal	2726	3282	±2.0

Weight and coverage

Largo (mm)	2438	3048
Weight (kg/un)	43.17	53,83
Useful coverage(m ²)	2.97	

Ask for minimum production quantity and available stock.



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Release Date: January 2023

Code & product name: 979423 WALL EXTER/INTER DM 14MM 1219X2438MM

Descripción: Plycem Exterior Hidden Joint is a product designed for interior and exterior cladding with monolithic finish (hidden joints). It is resistant to weathering, insect attacks, heat and humidity. It can be installed on metal or wooden structure. It is a high-performance solution outdoor and where the maximum durability, resistance and ease of construction are required. The board can be manufactured with a tapered edge to obtain a better surface finish.

Installation aspects can be consulted at www.plycem.com in the Plycem Exterior Hidden 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.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (saturated) (kN/mm ²) (ISO 8336/ASTM C 1186)	1.0	3.0
Density (kg/dm ³) (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

Environmental product declaration

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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	14.0	±0.6
Useful width	1219	±2.0
Length	2438	±2.0
Diagonal	2726	±2.0

Weight and coverage

Weight (kg/un)	50.37
Useful coverage(m ²)	2.97

Ask for minimum production quantity and available stock



Certifications

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