

Code & product name: 960102 ROOF SHEATHING PLYCEM 14mm 1219x2438mm

Description: Plycem Roof Sheathing 14 mm boards are used in the installation of roof sheathing or external facade with exposed joint. The roof sheathing in a building is used to support the waterproof roof covering of the building (asphalt shingles, asphalt mantle, pvc, etc.). Available in natural gray color.

Installation aspects can be consulted at www.plycem.com in the Plycem Roof Sheathing 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 Roof Sheathing boards are Type A, Grade I according to the ASTM C 1186-08 standard and Category A Class 1 Level 1 according to 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 (wet) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.0	4.0
Density (kg/dm ³) (ISO 8336)	1.00	1.20
Moisture (%) (Own process)	0.0	10.0
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

Nominal Measurements

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

Weight and coverage

Weight (kg/un)	47.15
Useful coverage per unit (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: 960145 ROOF SHEATHING PLYCEM 17mm 1219x2438mm

Description: Plycem Roof Sheathing 17 mm boards are used in the installation of roof sheathing or external facade with a visible joint. The roof sheathing in a building is used to support the waterproof roof covering of the building (asphalt shingles, asphalt mantle, pvc, etc.). Available in natural gray color.

Installation aspects can be consulted at www.plycem.com in the Plycem Roof Sheathing 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 Roof Sheathing boards are Type A, Grade I according to the ASTM C 1186-08 standard and Category A Class 1 Level 1 according to 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 (wet) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.0	4.0
Density (kg/dm ³) (ISO 8336)	1.00	1.20
Moisture (%) (Own process)	0.0	10.0
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

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	17.0	±0.6
Width	1219	±2.0
Length	2438	±2.0
Weight	57.70	

Ask for minimum production quantity and available stock



Certifications

PLYCEM Construsistemas Costa Rica S.A.



PLYCEM Construsistemas El Salvador S.A.



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