

Code & product name: 969860 Plycem Ceiling Panel LSO 610 x 1219 mm

Description: Plycem Ceiling boards are used for the installation of lightweight ceilings. They are easy to install and have exceptional durability.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	610	±1.0
Length	1219	±2.0
Diagonal	1363	±2.0

Weight and coverage

Weight (kg/un)	3.40
Useful coverage (m ² /un)	0.74

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: 969860 Plycem Ceiling Panel LSO 610 x 1219 mm

Description: Plycem Ceiling boards are used for the installation of lightweight ceilings. They are easy to install and have exceptional durability.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	610	±1.0
Length	1219	±2.0
Diagonal	1363	±2.0

Weight and coverage

Weight (kg/un)	3.40
Useful coverage (m ² /un)	0.74

Ask for minimum production quantity and available stock.



Certifications

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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959958 Plycem Ceiling 5mm 605x1215mm Galaxy.

Description: Plycem Ceiling 5 mm boards in Galaxy style are used in the installation of ceilings.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling Eaves 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 Ceiling 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 (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/dm ³) (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 C 1186)		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 EN15804:2012+A1

Physical characteristics

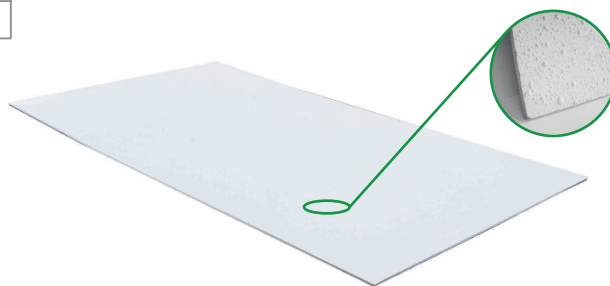
Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	5.0	±0.6
Useful width	605	±1.0
Length	1215	±2.0
Diagonal	1357	±2.0

Weight and coverage

Weight (kg/un)	4.18
Useful coverage (m ²)	0.74

Ask for minimum production quantity and available stock.



Certifications

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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959878 FIBROLIT 5mm 610x1219mm, 959943 FIBROLIT 5mm 605x1215mm

Description: Plycem Ceiling 5 mm boards are used in the installation of ceilings to wooden structures. Available in natural gray color. The wood structure must be modulated in square grids submultiples to the size of the board, but never larger than 610 x 610 mm.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling and Eaves 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 Ceiling 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/mm2) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm2) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/dm3) (ISO 8336)	1.00	1.15
Moisture (%) (Own process)		10.0
Total absorption (%) (ISO 8336)		40
Superficial absorption Cobb(%) (Own process)		25
Moisture Movement (%) (ISO 8336 / ASTM C 1186)		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	5.0	±0.6
Useful width	610	±1.0
	605	
Length	1219	±2.0
	1215	

Weight and coverage

Length (mm)	1219	1215
Weight (kg/un)	4.246	4.197
Useful coverage (m ²)	0.74	

Ask for minimum production quantity and available stock.



Certifications

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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959966 Plycem Ceilings 6mm 605x1215mm Galaxy

Description: Plycem Ceilings 6 mm boards in Galaxy style are used in the installation of ceilings.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceilings and Eaves 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 Ceilings 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 (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/dm ³) (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

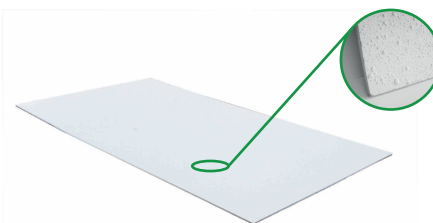
Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	6.0	±0.6
Useful width	605	±1.0
Length	1215	±2.0
Diagonal	1357	±2.0

Weight and coverage

Weight (kg/un)	4.63
Useful coverage (m ²)	0.74

Ask for minimum production quantity and available stock.



Certifications

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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959970 Plycem boards 6mm 1219 x 2438mm, 959965 Plycem boards 6mm 605x1215mm

Description: Plycem 6 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 in the Plycem Interior Exposed Joint and Plycem Ceiling and Eaves 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 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 (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/dm ³) (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	6.0	±0.6
Useful width	1219 605	±1.0
Length	2438 1215	±2.0

Weight and coverage

Length (mm)	2438	1215
Weight (kg/un)	20.36	5.037
Useful coverage (m ²)	2.97	

Ask for minimum production quantity and available stock.



Certifications

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Warranty inquiries on www.plycem.com

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Release Date: January 2022

Code & product name: 959888 Plycem Ceiling Panel 605x605mm

Description: Plycem Ceiling boards are used for the installation of lightweight ceilings. They are easy to install and have exceptional durability.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceilings and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	605	±1.0
Length	605	±1.0
Diagonal	856	±1.0

Weight and coverage

Weight (kg/un)	1.672
Useful coverage (m ² /un)	0.37

Ask for minimum production quantity and available stock.



Certifications

PLYCEM Construsistemas Costa Rica S.A.



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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959901 Plycem Ceiling 605x1215mm GALAXY

Description: Plycem Ceiling boards are used for the installation of lightweight ceilings, which can be suspended. They have exceptional durability. They are offered with a ready-to-install textured finish and do not require painting.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

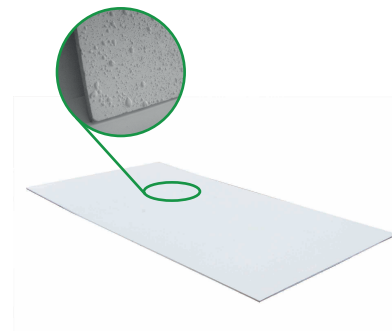
Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	605	±1.0
Length	1215	±2.0
Diagonal	1357	±2.0

Weight and coverage

Weight (kg/un)	3.67
Useful coverage (m ² /un)	0.74

Ask for minimum production quantity and available stock.



Certifications

PLYCEM Construsistemas Costa Rica S.A.



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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959892 Plycem Ceiling 605 x 1215mm

Description: Plycem Ceiling panels are used for the installation of lightweight ceilings, which can be suspended. They have exceptional durability.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceilings and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	605	±1.0
Length	1215	±2.0
Diagonal	1357	±2.0

Weight and coverage

Weight (kg/un)	3.36
Useful coverage (m ² /un)	0.74

Ask for minimum production quantity and available stock.



Certifications

PLYCEM Construsistemas Costa Rica S.A.



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Warranty inquiries on www.plycem.com

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Release Date: January 2023

Code & product name: 959895 Plycem Ceiling LSO 605X605MM BNCO 8 U/P, 983337 Plycem Ceiling LSO 605x605mm BNCO

Description: Plycem Ceiling boards are used for the installation of lightweight ceilings. They are easy to install and have exceptional durability. They are offered ready to install and do not require painting.

Installation aspects can be consulted at www.plycem.com in the Plycem Ceiling and Eaves 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 Ceiling boards are Type B, Grade in accordance with the ASTM C 1186-08 standard and Category B 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, cellulosic fibers, and other minor aggregates. They meet strength, safety and durability requirements and the strictest environmental regulations. The material is rainwater repellent, maintaining its water vapor permeability.

Technical Specifications

Description	Minimum Value	Maximum Value
Flexural Strength (in equilibrium)(N/mm ²) (ASTM C 1186)	7.0	
Flexion elastic module (in equilibrium) (kN/mm ²) (ISO 8336/ASTM C 1186)	2.5	4.0
Density (kg/cm 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 C 1186)		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

Physical characteristics

Nominal Measurements

Measurement	Size (mm)	Tolerance (mm)
Thickness	4.0	±0.4
Useful width	605	±1.0
Length	605	±1.0
Diagonal	856	±1.0

Weight and coverage

Code	983337	959895
Weight (kg/un)	1,673	
Useful coverage (m ² /un)	0.37	-
Useful coverage (m ² /pack)	-	2.96

Ask for minimum production quantity and available stock.



Certifications

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Release Date: April 2022