

Model: MINNESOTA ASH 23X150(A)

Codes: 100339701

Water absorption: Bla - Porcelánico (E<=0.1%)



DIMENSIONAL FEATURES

UNE-EN ISO 10545-2

Thickness	11 MM	+/-5%*
Width	230 MM	
Length	1500 MM	
Length and width deviation	Below 0.15%	+/-0.3%*
Side straightness deviation	Below 0.15%	+/-0.3%*
Squareness deviation	Below 0.15%	+/-0.3%*
Surface flatness deviation	Below 0.15%	+/-0.4%*

*ISO-13006:2018 UNE-EN 14411:2016

MECHANICAL FEATURES

UNE-EN ISO 10545-4-6-7-11

Abrasion resistance	PEI 3 / 600v	
Crazing resistance	Resists 3 cycles	

*ISO-13006:2018 UNE-EN 14411:2016

HYGIENIC FEATURES

UNE-EN ISO 10545-13-14:1995

Chemical resistance	Class "A" for swimming pools and cleaning products (resists attack). Minimum Class "B" for acids and bases	B Min.*
Stain resistance	Class 5. Easy cleaning with water	3 Min.*

*ISO-13006:2018 UNE-EN 14411:2016

ANTI-SLIP VALUE

EN 16165: 2022 / ASTM C1028

Slip resistance (pendulum-wet)	CL1	
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*ISO-13006:2018 UNE-EN 14411:2016

PACKING

Sales units per box	1.724971 M2/BOX	
Sales units per pallet	41.399296 M2/PAL	
Sales units per unit	0.344994 M2/PIECE	

SCOPE OF USE

Technical code-1	5 - Use on medium traffic floors	
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System Certification



Do not use cleaning agents containing hydrofluoric acid.

It is recommended to fix tiles with a minimum joint of 1,5 mm. Do not fix without joint.

For big sizes, it is recommended to fix with mortars containing polymeric additives and to use the double gluing technique.

Mosaic tiles must be grouted.

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RECOMMENDED USE LOCATIONS

Single-family dwelling

Indoor Premises - Dry: Room, room, bedroom or other enclosure without direct access to the outdoors.

Collective housing

Indoor Premises - Residential - Dry: Entrance, living room, dining room, professional office with reception of customers

Indoor Premises - Housing - Dry: Bedrooms, personal office, storage room, changing room

Various

Cladding of bonded or mixed facades

Facade cladding with mechanical anchors

Kitchen worktops, bars, restaurants

Public bathroom countertops

System Certification

