PORCELANOSA
PORCELANOSA Grupo

Model: MATIKA SILVER ANT.L 100X100(A)
Codes: 100357939
Water absorption: BIa - Porcelain tile (wa <= 0.1%)
Finish: Glazed / Non-slip
Tone variations: V3
Rectified: Yes

Sistema DAPc® Declaración Ambiental de Productos de Construcción

DIMENSIONAL FEATURES
UNE-EN ISO 10545-2

Thickness	8.5 mm	+/-5%*
Width	1000 mm	
Length	1000 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

FEATURES

- Surface texture that minimizes the risk of slipping. Soft finishes for safe walking.
- Natural-looking, non-glossy surface finish.
- Name given to the finish of those tiles dimensionally improved after the firing process.
- Installation on floor

MECHANICAL FEATURES
UNE-EN ISO 10545-4-6-7-9-11

Breaking strength	1966.7 N	>1300 N*
Modulus of rupture	49.1 N/mm2	>=35 N/mm2*
Abrasion resistance	4	
Crazing resistance	PASS	
Resistance to thermal shock	RESISTE	

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

HYGIENIC FEATURES
UNE-EN ISO 10545-13-14

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

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 recomended to fix with mortars containing polymeric additives and to use the double glueing technique.
Mosaic tiles must be grouted.
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ANTI-SLIP VALUE

Reference standards: EN 16165 (Annex A, B, C) - ANSI A326.3 - AS 4586

Dynamic coefficient of friction (dcof)	0.88 (T2C2)	
Slip resistance (wet pendulum) irhd 55	CL3	
Pendulum test value (ptv) irhd 96	WET 63 / DRY 69 (T2C2)	
Slip resistance (wet pendulum) (aus) irhd 55	P5	AS 4586*
Slip resistance (wet pendulum) (aus) irhd 96	P5	AS 4586*

*ISO-13006:2018 UNE 14411:2016 ANSI 137.1 AS 4662

DETERMINATION OF LIGHT REFLECTANCE VALUE (LRV)

UNE-EN ISO 10545-18

Determination of light reflectance value (lrv)	30.14	

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

PACKING

Sales units per box	1 M2/BOX	
Sales units per pallet	48 M2/PAL	
Sales units per unit	1 M2/PIECE	

SCOPE OF USE

Technical code-1	6 - Use on heavy traffic floors	

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RECOMMENDED USE LOCATIONS

Single-family dwelling
Outdoor Premises: Porches, verandah, terrace, outdoor access or circulation area
External Premises: External staircases and ramps
Indoor Premises - Dry: Entrance and other enclosures with direct opening to the outside (garden, terrace, storage room).
Indoor Premises - Dry: Room, room, bedroom or other enclosure without direct access to the outdoors.
Indoor Premises - Dry: Individual staircase
Indoor Premises - Wet: Kitchen, mini kitchen in living area, laundry room
Indoor Premises - Humid: Bathroom or Toilet
Collective housing
Outdoor premises: Balconies, terraces, galleries (not accessible from the outside)
Outdoor Premises: Uncovered Terraces (Accessible from outside)
Indoor Premises - Common Elements: Entrance Hall (less than 15 dwellings)
Interior Premises - Common Elements: Entrance Hall (more than 15 dwellings)
Indoor Premises - Common Elements: Stairs and corridors with or without lifts
Indoor Premises - Common Elements: Meter centralisation room
Indoor Premises - Common Elements: Refuse Container Room
Indoor Premises - Common Elements: Storage rooms for children's cars, bicycles, etc.
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
Indoor Premises - Dwelling - Damp: Kitchen, mini kitchen and living area, laundry room
Indoor Premises - Dwelling - Damp: Bathrooms or shower rooms
Public Residential
Single or double rooms
Group rooms
Intensive use dormitories in residences, schools, etc.
Bathrooms in single or double rooms
Toilets in collective rooms, plant bathroom, office, service rooms maintenance plant
Administrative
Office with workstation
Collective office, open plan office
Meeting/conference room, shops and retail (sales area)
Shops, warehouses with average public attendance (sales area)
Department stores, hypermarkets, shopping centres (sales area)
Commercial
Shops and retail trade (Sales area)
Shops, warehouses with average public attendance (sales area)
Department stores, shopping centres (sales area)
Teacher
Pre-school and Primary: Classroom with direct opening to the exterior
Pre-school and Primary: Classroom without direct opening to the exterior
Pre-school and Primary: Playroom, exercise room, multi-purpose room with direct opening to the outside.
Infant and Primary: Playroom, exercise, multi-purpose room without direct opening to the outside.
Secondary, Baccalaureate and University: Classroom with direct opening to the outside.
Secondary, Baccalaureate and University: Classroom without direct opening to the outside.
Secondary, Baccalaureate and University: Multi-purpose classroom, meetings
Secondary, Baccalaureate and University: Laboratories with aggressive chemicals
Secondary, Baccalaureate and University: Other laboratories (physics, electricity, radiation, mechanics).
Sanitary
Single-user room, isolation room
Collective room
Waiting rooms, consultation rooms, distribution corridors
Major and minor operating theatres. Operating theatres

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Radiological premises
Rehabilitation, massage, therapy and rehabilitation centres
Laboratories (no public access)

Public attendance

Catering: Main dining room, banqueting hall (intensive use)
Catering: Dining room restaurant, bar, cafeteria (medium use)
Catering: Dining room, company cafeteria
Catering: Drinks distribution outlet, automatic machines
Catering: Collective kitchen, large facilities
Catering: Cooking in small restaurant, bar, cafeteria, cafeteria, company canteen
Entertainment and recreation: Large hall for receptions, dances, discotheques. Intensive use
Entertainment and recreation: Showroom, cinema, theatre, sports activities, amphitheatres, games (Closed)
Entertainment and recreation: Showroom, cinema, theatre, sporting activities, amphitheatres, games (Indoor)
Entertainment and recreation: Showroom, cinema, theatre, sports activities, amphitheatres, games (Outdoor)
Entertainment and recreation: lounges, waiting room, TV lounge, games room
Libraries and reading rooms: Libraries, reading rooms, temples of worship, museums (With public access)
Libraries and reading rooms: Libraries, reading rooms, houses of worship, museums (Internal use)
Sports Facilities: Indoor swimming pools and saunas
Sports Facilities: Private outdoor swimming pools
Sports Facilities: Public open-air swimming pools

Common transit areas

Outdoor premises: outdoor circulation area with average traffic
Outside premises: Parking area (pedestrian use only)
External premises: External stairways and ramps with intensive transit
Outdoor premises: Stairways and outdoor ramps with medium traffic
Outdoor premises: Outdoor terrace for hotel and restaurant use
Indoor premises: Public entrance hall and lifts, in hospital, administrative, public and similar activities.
Indoor premises: corridors and common areas with heavy traffic
Indoor premises: Corridors and common areas with average traffic
Indoor premises: Main staircases and heavy duty ramps
Indoor premises: Main staircases and ramps for medium use

Service, facilities

Toilets for the public in public, commercial, educational or intensive-use buildings
Toilets for the public in medium-use buildings. Employee toilets
Toilets in office areas, restricted use
Collective sanitary facilities, changing rooms and showers
Sanitary premises special hygiene (hospitals, food)
Premises for telephone, computer and other dry installations
Heating, air-conditioning and other humid premises
Re-printing service, copies of plans, photography
Archive and storage premises
Laundry, rubbish and organic waste storage premises

Various

Cladding of bonded or mixed facades
Facade cladding with mechanical anchors
Kitchen worktops, bars, restaurants
Public bathroom countertops

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