

TECHNICAL DATA SHEET

**MINERAL CORE FLOORING WITH LACQUERED PVC WEAR LAYER /
 MINERAL CORE FLOORING WITH LAQUERED PVC WEAR LAYER AND
 INTEGRATED PAD**

Supplier	Barlinek S.A.
Catalogue number	SW4IMX-FKXPX-DP5XXX-EXXXX / SW4IMO-HKXPX-DP5XXX-EXXXX

MATERIAL / CONSTRUCTION

Construction of the Mineral Core Flooring:

1. Lacquer Top coat (DLE+ *Digital Lacquer Embossing* system), synchronic structure
Thickness: 130 – 195 microns
2. Transparent Wear Layer PVC. Thickness: 0,50 mm
3. Extruded SPC core (calcium carbonate with additions) with a printed decor layer. Thickness: 4,5 mm



Construction of the Mineral Core Flooring with an integrated pad:

1. Lacquer Top coat (DLE+ *Digital Lacquer Embossing* system), synchronic structure
Thickness: 130 – 195 microns
2. Transparent Wear Layer PVC. Thickness: 0,50 mm
3. Extruded SPC core (calcium carbonate with additions) with a printed decor layer. Thickness: 4,5 mm
4. Integrated underlay XPO, glued on bottom side of the SPC core with PSA glue. Thickness: 1 mm



SPC panels with a printed decor layer and lacquered PVC wear layer.

Floor elements with a thickness of 5,0 mm 6,0 mm (depends on intergated pad) made of SPC (Stone Polymer Composite) board produced in extrusion technology.

The floor elements have a rectangular format with profiled locks on the long and short sides enabling the connection of floor boards and transparent bevels on each side of the panel.

SPC core has a printed decor layer covered by a transparent and lacquered 0,50 mm thick wear layer PVC with embossing in register.

Optionally, the bottom side of panel might be finished with a 1 mm thick foam layer of integrated underlay XPO.

Product description	1-strip panel with a wood pattern
Surface finishing	Multi-layer structured matt lacquer
Locking system (assembly guide is included in each package of panels)	I4F Drop Lock on the long and short sides of panels

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CHARACTERISTICS OF THE SURFACE LAYER

Surface appearance	Printed wood pattern covered of transparent wear layer, matt lacquer, embossing in register
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Dimensional characteristics and acceptable deviations (consistent with standard EN 16 511).

TECHNICAL DATA

Flammability / smoke emissions	Bfl-s1
Content of PCP	<5 ppm
Formaldehyde emission	class E1
Sliding behaviour	class DS
Thermal resistance (without integrated pad)	0,011 (m ² K)/W
Thermal resistance (with integrated pad)	0,029 (m ² K)/W
Waterproof	100%

SIZE OF THE ELEMENTS

Thickness	5,0 mm (without integrated pad) and 6,0 mm (with integrated pad)
Length	1523 mm
Width	228,6 mm

INSTALLATION INSTRUCTIONS / WARRANTY

Installation on the underfloor heating	Suitable for electric and water floor heating solution. More information on www.barlinek.com
Warranty	25 years residential, 5 years commercial

LACQUERED FLOORING TREATMENT

PROTECTOR CONCENTRATE - Agent for everyday floor care	<p>PROPERTIES: Concentrated floor cleaning agent with natural care additives. Deep cleans without smudging. Refreshes the floor and protects it against dirt.</p> <p>APPLICATION: For all types of lacquered wooden floors. May also be used for other lacquered surfaces, e.g. furniture or worktops in rooms, as well as for laminated floors.</p> <ul style="list-style-type: none"> • Yield approx. 500 m² /1L
PROTECTOR COMPLETE Agent for thorough periodic cleaning of the floor	<p>PROPERTIES: Liquid agent for cleaning all lacquered wooden surfaces.</p> <p>APPLICATION: For all indoor lacquered wooden floors.</p> <ul style="list-style-type: none"> • Yield approx. 200 m² / 1L <p>WARNING: ALWAYS USE PROTECTOR COMPLETE BEFORE APPLYING PROTECTOR SHINE</p>
PROTECTOR SHINE Agent for protecting and regenerating the floor's lacquer layer	<p>PROPERTIES: Protects a new lacquered floor from penetration by dirt and dust using a type of microfilm applied across the whole floor and on all the joints between floorboards. Eliminates minor scratches in the damaged layer of lacquer.</p> <p>APPLICATION: For all indoor lacquered wooden floors.</p> <ul style="list-style-type: none"> • yield approx. 100 m² / 1L <p>WARNING: BEFORE APPLYING PROTECTOR SHINE, ALWAYS CLEAN THE FLOOR WITH PROTECTOR COMPLETE. PROTECTOR SHINE GENTLY INCREASES THE POLISH OF THE LACQUERED SURFACE BY SEVERAL DEGREES. DO NOT LEAVE EXCESS</p>

RECOMMENDED FREQUENCY OF FLOOR MAINTENANCE

	Protector Concentrate	Protector Complete	Protector Shine
Frequency of use	Everyday cleaning	Periodic cleaning	Periodic regeneration
Floors in rooms which are not intensively used, e.g. living rooms, bedrooms	Every 5-7 days	Every 6 - 12 months	According to visual inspect
Floors in areas which are used with average intensity, e.g. stairs, corridors, office spaces	Every 3-5 days	Every 3 - 6 months	According to visual inspect
Floors in places which are intensively used, e.g. restaurants, shops, schools	Every 1-3 days	1-2 times per month	According to visual inspect

IMPORTANT:

Use of care agents for lacquered floors made by manufacturers other than Barlinek may result in staining, discoloration of floors or major changes to their slipperiness and sheen. Barlinek bears no responsibility for the effects of using agents made by other manufacturers.

All recommendations regarding the regularity of cleaning and caring for floors are given for reference only and depend on actual intensity of use. For these reasons they may not form the basis for warranty claims. Sand trailed or water spilt on the floor should be removed as soon as possible. Thorough cleaning with Protector Shine only needs to be done rarely and may be delayed considerably by regular cleaning and keeping the floor in a good condition.

NOTE: Individual batches of panels may differ slightly in color and shade. Sample boards, samples, photos and sales brochures may not fully correspond to the actual appearance of the products. The color of the delivered product may differ from the material available at the POS.

Prepared: LVT Product Department
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Our Technical Product Specifications are constantly updated and adapted to the current state of knowledge. This version replaces all previous releases and is valid from 06/2024.