



188028 LIONELA BLACK

11mm 30x90 cm./11.8x35.4in. • D917

Información Técnica / Technical Information

Icon	Test	Standard	Result
	DIMENSIONS	UNE EN ISO 10545-2	± 0,5%
	WATER ABSORPTION	UNE EN ISO 10545-3	E > 10%
	CHEMICAL RESISTANCE	UNE EN ISO 10545-13	GA
	FLATNESS	UNE EN ISO 10545-2	± 0,5%
	CRAZING RESISTANCE	UNE EN ISO 10545-11	CUMPLE / ACCOMPLISH
	RESISTANCE TO STAINS	UNE EN ISO 10545-14	5
	CHEMICAL RESISTANCE SWIMMING-POOL	UNE EN ISO 10545-13	GA
	FROST RESISTANCE	UNE EN ISO 10545-12	NO CUMPLE
	RESISTANCE TO THERMAL SHOCK	UNE EN ISO 10545-9	CUMPLE / ACCOMPLISH

Embalaje / Packing

3.7	4	20.4	44.97	22	1.08	23.78

Usos / Uses

NO	NO	✓	NO	NO	NO	NO	✓	NO	✓	NO

C = CONSULTAR / CONSULT

Characteristics

 Shade variation Shade variation	 Gloss finish Gloss finish	 Rectified Rectified	 Contains gold Contains gold
 Graphic variation Graphic variation	 Unlocked + 20% Unlocked + 20%		

Packaging icon

 Pieza/m2 Piece/sqm	 Piezas/caja Pieces/box	 Kg/caja Kg/box	 Libras/caja Lbs/box
 Cajas/pallet Boxes/pallet	 M2/caja sqm/box	 M2/pallet Sqm/pallet	

Icons of uses

 Outdoor walls Outdoor walls	 Outdoor floors Outdoor floors	 Indoor walls Indoor walls	 Indoor floors Indoor floors
 Commercial flooring Commercial flooring	 Underfloor heating installation Underfloor heating installation	 Shower floor Shower floor	 Shower wall Shower wall
 Swimming pool. Wall and floor (depth>1,5m) Swimming pool. Wall and floor (depth>1,5m)	 Walls high vapor condensation areas Walls high vapor condensation areas	 Swimming pool (on steps and depth bottoms <1,5m, only C3 products) Swimming pool (on steps and depth bottoms <1,5m, only C3 products)	

ATTENTION

- Carefully follow these instructions to ensure correct installation.
- Installation should be carried out by a qualified professional.
 - Before installing ensure that the material is in perfect condition. Make sure you check the colours, finishes and thicknesses because DUNE will not accept any claims or returns of material after it has been installed.
 - Before each stage, on one part test all of the materials and tools to be used and evaluate the final finish of the test. Should you fail to achieve the desired results do not continue with the installation, and consult our sales team.
 - In public places materials must comply with the slipperiness requirements of the Spanish Technical Building Code.
 - This document is purely commercial and may not be used in any legal or administrative proceedings, neither as an expert opinion nor as documentary evidence, unless expressly authorized by DUNE CERÁMICA S.L.

Tabla de adhesivos / Adhesives Table

	Cemento cola C1 C1 concrete glue	Cemento cola C2 C2 concrete glue	Adhesivo epoxidico Epozi adhesive
KERAKOLL	ESPECIAL ECO	H 40 ECO FLEX	SUPERFLEX ECO
MAPEI	TIXOBOND	KERAFLEX MAXI S-1	KERALASTIC T
	Mortero adhesivo látex Latex adhesive mortar		

LATICRETE	Mortar 211 + Laticrete 4237
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Productos de tratamiento / Treatment products			
	Código Code	Descripción Description	Código PHP recomendado Recommended retail price
CRISTAL GLASS	185463	ANTI GLISS	D787
PIEDRA STONE	184507	CERA LIQUIDA PROTECTORA LIQUID PROTECTIVE WAX	D945
	184508	SELLADOR ANTIMANCHAS STAIN-PROF SEALER	D969

Tabla de pastas de rejuntar / Grouting pastes table		
	Pasta de rejuntar cementosa Cement grouting material	Pasta de rejuntar epoxi Epoxy grouting material
KERAKOLL	FUGABELLA ECO PORCELANA	FUGALITE
MAPEI	KERACOLOR FF	KERAPOXY
LATICRETE	LATICRETE serie 1600	-

