



## 187600 LIBERTAS

10mm 30x30 cm./11.8x11.8in. • D432

### Información Técnica / Technical Information

Icono	Prueba	Norma	Resultado
	WATER ABSORPTION	UNE EN ISO 10545-3	E > 10%

### Embalaje / Packing

11.11	8	11.8	26.02	48	0.72	34.56

### Usos / Uses

NO	NO	✓	NO	NO	NO	NO	✓	NO	✓

C = CONSULTAR / CONSULT

### Icono embalaje

	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		

### Iconos usos

	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				

## ATTENTION

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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.

## MOSAIC – CERAMIC

### 1. PROPER PREPARATION OF SURFACE

The wall must be firm, levelled, dry and clean. Uneven surfaces greater than 2 mm must be levelled with specific products. All cracks and imperfections should be repaired, so that the wall is completely smooth. The moisture content of the surface must be under 2%.

### 2. INSTALLATION MATERIAL

For a correct installation, several factors must be taken into account: Material kind of the wall to be tiled (synthetic pannels, plaster, wood, etc.), wall stability, environmental conditions, kind of surface to be covered , speed of carrying the work, etc. All the above parameters determine the choice of the adhesive kind.

All the adhesive materials recommended by DUNE have been previously tested in our facilities, in controlled environmental conditions and on rigid brick and/or concrete walls. Under different conditions from the above mentioned, it is recommended to test firstly and if in doubt, please contact DUNE or the adhesive distributor.

DUNE always recommends to test first the material with minimum two pieces before placing all the material.

Make sure that the chosen adhesive is apt for the material to be installed.

White and Red body wall tile: C1 concrete glue. (Consult adhesives table).

Stoneware and porcelain tile: C2 concrete glue. (Consult adhesives table).

### 3. INSTALLATION

We recommend starting the installation from the floor to the ceiling, continue in phase to allow the adhesive the necessary time to get dry. This will avoid vertical displacements. Extend a thin layer of adhesive on to the surface where the piece will be installed (3mm approx.) Then, use a notched trowel no. 3 to make incisions into the adhesive layer. Place the piece while the adhesive is still soft and before a dry layer of film forms on the adhesive surface. Do not use dot setting or dab the adhesive during installation. Once the piece is placed, press carefully to obtain a correct adhesion and to cover possible areas without adhesive.

Important: make sure that the distance between one sheet and another is the same as the one among the components so that all the joints look alike.

For irregular mosaics, we recommend pulling out some components and relocating them in the joint between two sheets. This will improve the finish of the mosaic.

References decorated by precuts, to achieve a correct finish, it is important that the linearity of the aforementioned precuts be followed. Leave joints between the same size pieces as the precuts. It is not necessary to use crosspieces because the precuts serve as a reference.

Models manufactured with resin components, FROZEN and TIFFANY BLACK should not be installed in areas near heat points such as, behind radiators, saunas, stoves, etc.

## 4. GROUTING

All joints must be perfectly clean and dry and having a minimum depth of 2mm. Use a flat rubber trowel to spread the paste, being sure that the joints are completely covered. Use a wet sponge or neutral PH products – never abrasive products – to wash off immediately the excess of grouting paste from the surface before it dries. If this happens, use a cement remover to clean the surface or white epoxy adhesives

For better waterproofing, we recommend an epoxy grouting paste, especially in water areas.

Consult the grouting materials table.

Important: The colour of the grouting paste might change the product's appearance. We recommend to test with some pieces before grouting the entire surface.

## 5. CLEANING AND MAINTENANCE

For everyday cleaning, use regular pH neutral cleaners. Do not use abrasive products.

Use regular cleaners. Additional maintenance is not required.

PVD AND DELICATE PRODUCTS: Do not use harsh chemical products or abrasive cleaning tools. Preferably use neutral PH cleaning products.

Tabla de adhesivos / Adhesives Table

	<b>Cemento cola C1</b> C1 concrete glue	<b>Cemento cola C2</b> C2 concrete glue	<b>Adhesivo epoxidico</b> Epozi adhesive
<b>KERAKOLL</b>	ESPECIAL ECO	H 40 ECO FLEX	SUPERFLEX ECO
<b>MAPEI</b>	TIXOBOND	KERAFLEX MAXI S-1	KERALASTIC T
	<b>Mortero adhesivo látex</b> Latex adhesive mortar		
<b>LATICRETE</b>	Mortar 211 + Laticrete 4237		

Productos de tratamiento / Treatment products

	Código Code	Descripción Description	Código PHP recomendado Recommended retail price
<b>CRISTAL</b> GLASS	185463	ANTI GLISS	D787
<b>PIEDRA</b> 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
<b>KERAKOLL</b>	FUGABELLA ECO PORCELANA	FUGALITE
<b>MAPEI</b>	KERACOLOR FF	KERAPOXY
<b>LATICRETE</b>	LATICRETE serie 1600	-

