

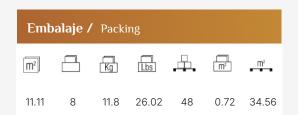


## **187600 LIBERTAS**

10mm 30x30 cm./11.8x11.8in. • D432

Información Técnica /	Technical Information

lcon	Test	Standard	Result
<b>\$</b>	WATER ABSORPTION	UNE EN ISO 10545-3	E > 10%





C = CONSULTAR / CONSULT

### Characteristics



Shade variation Shade variation



Matt finish Matt finish



Graphic variation Graphic variation

### Packaging icon



Pieza/m2 Piece/sqm



Piezas/caja Pieces/box



M2/caja sqm/box



Kg/caja Kg/box



Libras/caja Lbs/box







M2/pallet Sqm/pallet

## lcons 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 (on steps and depth bottoms <1.5m, only C3 products) Swimming pool (on steps and depth bottoms <1.5m, only C3 products)



Walls high vapor condensation areas Walls high vapor condensation areas

#### **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.

The issued results are informative, the technical specifications of our products may undergo modifications. The information is automatically updated on our website, ensuring that the downloaded datasheet accurately reflects the most recent data.

If you need to know or verify any of these characteristics, we recommend that you download the datasheet at the time of placing your order. Please note that Dune will not accept claims for discrepancies in the information if it has been correctly updated on our website.

# **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			
	Cemento cola C1	Cemento cola C2	Adhesivo epoxidico
	C1 concrete glue	C2 concrete glue	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

Productos de tratamiento / Tratment products			
	Código	Descripción	Código PHP recomendado
	Code	Description	Recommended retail price
<b>CRISTAL</b> GLASS	185463	ANTIGLISS	D787
PIEDRA	184507	CERA LIQUIDA PROTECTORA LIQUID PROTECTIVE WAX	D945
STONE	184508	SELLADOR ANTIMANCHAS STAIN-PROF SEALER	D969

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

