



## Ficha Técnica de Producto / Product Datasheet

187682 Stella Mar  
20x20 cm./7.9"x7.9" **M923** 9mm

### Informacion Técnica / Technical Information

| Icon | Test                           | Norm                 | Result              |
|------|--------------------------------|----------------------|---------------------|
|      | SLIP RESISTANCE                | UNE EN 12633         | CLASE 1 / CLASS 1   |
|      | RESISTANCE TO SURFACE ABRASION | UNE EN ISO 10545-7   | CLASE 4 / CLASS 4   |
|      | CRAZING RESISTANCE             | UNE EN ISO 10545-11  | CUMPLE / ACCOMPLISH |
|      | FROST RESISTANCE               | UNE EN ISO 10545-12  | CUMPLE / ACCOMPLISH |
|      | CHEMICAL RESISTANCE            | UNE EN ISO 10545-13  | GLA                 |
|      | FLATNESS                       | UNE EN ISO 10545-2   | <0.3%               |
|      | DIMENSIONS                     | UNE EN ISO 10545-2   | +/- 0.6 mm          |
|      | WATER ABSORPTION               | UNE EN ISO 10545-3   | <0.5%               |
|      | SCRATCH HARDNESS               | EN-101               | 5                   |
|      | BREAKING STRENGTH              | UNE EN ISO 10545-4:9 | >35 N/mm2           |
|      | RESISTANCE TO STAINS           | UNE EN ISO 10545-14  | 5                   |

### Embalaje / Packing

### Usos / Uses

|    |    |       |       |     |      |       |                  |   |   |   |   |  |   |   |   |   |   |   |
|----|----|-------|-------|-----|------|-------|------------------|---|---|---|---|--|---|---|---|---|---|---|
|    |    |       |       |     |      |       | Stella Mar 20x20 |   |   |   |   |  |   |   |   |   |   |   |
| 25 | 14 | 11,55 | 25,46 | 112 | 0,56 | 62,72 |                  | X | X | X | X |  | X | X | X | X | X | X |

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

Interior  
Indoors

Exterior  
Outdoors

Revestimiento  
Wall

Pavimento bajo tránsito zonas secas Floors  
Light traffic in dry areas

Pavimento bajo tránsito zonas húmedas Floors  
Light traffic in wet areas

Pavimento alto tránsito  
Floors - High traffic

Pavimento radiante  
Underfloor Heating installation

Plato ducha  
Shower floor

Pared ducha  
Shower Wall

Piscina  
Swimming pool

Alta concentración de vapor (sauna, baño turco, etc)  
High vapor condensation areas (sauna, Turkish bath...)



**WARNING:** 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.

## FLOOR AND WALL TILES - CERAMIC

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### 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.

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

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

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

### 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. 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. To install 30x60 pieces or similar, extend a thin layer of adhesive on the surface where the piece will be installed (vertically) and another layer on the back of the piece itself, in the opposite sense (horizontally). Then, use also a notched trowel no. 3 and make the incisions into both the adhesive layer of the wall and in the opposite sense in the piece.

Once the piece is placed, press carefully to obtain correct adhesion and cover possible areas without adhesive. For a better fixing, it is recommended to set the pieces by using some tape or a wooden strip. To correct the position of the bases, it is recommended to take them off and correctly clean their back part before placing them again.

We recommend a minimum joint of 2mm and the use of crosspieces. For areas with severe thermal dilatation or non-stable surfaces (plasterboard), a minimum joint of 3 mm is strongly recommended.

Models manufactured with LUX and GALENA resin components should not be installed in areas close to a heat source, such as behind radiators, in saunas, near burners, 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.

For better waterproofing, we recommend an epoxy grouting paste, especially in water areas (not apt for stone piedra).

Items 3D WHITE, AL-ANDALUS, METROPOLITAN, MAYOLICA, COLLAGE SMOKE and COLLAGE MIST are decorated by pre-cuts, so that it is recommended to follow the lines of those pre-cuts in order to get a correct finish. Make sure that the distance between one sheet and another is the same as the one of pre-cuts, so that all the joints look alike. It is not necessary to use crosspieces as the pre-cuts can be used as joining references.

Items TANGRAM, CARISMA, ESSENCE, VICTORIAN, SURF, LOUVRE, HIPSTER BRICK MIST and HIPSTER BRICK SMOKE can be placed randomly in order to avoid sequences repetitions on surface. Moreover, we recommended tangled joints for CARISMA, COLLAGE SMOKE and COLLAGE MIST installation.

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

Use a damp sponge and clean water to wash off the excess of grouting paste from the surface. It is very important to do this before the paste dries. If this happens, use a cement remover to clean the surface (not apt for stone). For everyday cleaning, use regular cleaners con PH neutro. Do not use abrasive products.

PVD AND DELICATED PRODUCTS: Avoid using abrasive and anti-lime cleaners or steel wool. Preferably use pH neutral cleaning products.

**TABLA DE ADHESIVOS / ADHESIVES TABLE**

|          | Cemento cola C1<br><i>C1 concrete glue</i> | Cemento cola C2<br><i>C2 concrete glue</i> | Adhesivo epoxidico<br><i>Epoxi adhesive</i> |
|----------|--------------------------------------------|--------------------------------------------|---------------------------------------------|
| KERAKOLL | SPECIAL ECO                                | H 40 ECO FLEX                              | SUPERFLEX ECO                               |
| MAPEI    | TIXOBOND                                   | KERAFLEX MAXI S-1                          | KERALASTIC T                                |

  

|           | Mortero adhesivo látex<br><i>Latex adhesive mortar</i> |
|-----------|--------------------------------------------------------|
| LATICRETE | Mortar 211 + Laticrete 4237                            |

**PRODUCTOS DE TRATAMIENTO / TREATMENT PRODUCTS**

|                 | Código<br><i>Code</i> | Descripción<br><i>Description</i>                       | Código PVP recomendado<br><i>Recommended retail price</i> |
|-----------------|-----------------------|---------------------------------------------------------|-----------------------------------------------------------|
| CRISTAL - GLASS | 185463                | ANTI GLISS                                              | D787                                                      |
| PIEDRA - STONE  | 184507                | CERA LIQUIDA PROTECTORA<br><i>LIQUID PROTECTIVE WAX</i> | D945                                                      |
|                 | 184508                | SELLADOR ANTIMANCHAS<br><i>STAIN-PROOF SEALER</i>       | D969                                                      |

**TABLA DE PASTAS DE REJUNTAR / GROUTING PASTES TABLE**

|           | Pasta de rejuntar cementosa<br><i>Cement grouting material</i> | Pasta de rejuntar epoxi<br><i>Epoxy grouting material</i> |
|-----------|----------------------------------------------------------------|-----------------------------------------------------------|
| KERAKOLL  | FUGABELLA ECO PORCELANA                                        | FUGALITE                                                  |
| MAPEI     | KERACOLOR FF                                                   | KERAPOXY                                                  |
| LATICRETE | LATICRETE serie 1600                                           | -                                                         |