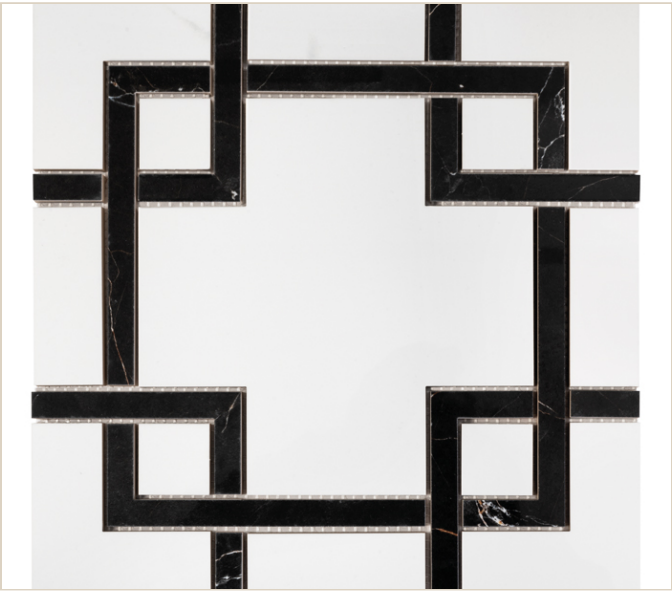
ARTISTIC MOSAICS

Astona Carrara GP

Astona Carrara GP is a decorative mosaic, polished finish.

GLAZED PORCELAIN STONEWARE | INTÉRIEUR | COLLAGE | REACTION TO FIRE A1



IDENTIFICATION

Dartank reference	**D4M22**
Dartank EAN	**3701839327937**
Material	**Glazed porcelain stoneware**
Colors	**Noir**
Format	**30×30 cm**
Thickness	**9 mm**
Pieces / m²	**11.11**
Sales unit	**Piece**

OVERVIEW

Overview

Dense, low-porosity glazed porcelain: 0.11 % absorption, class 5 abrasion-resistant glaze and declared frost resistance. Hexagons, chevrons, diamonds or penny rounds: a technical format serving the design.

KEY BENEFITS

01
Very low porosity
0.11 % water absorption.

02
Hard-wearing glaze
Class 5 abrasion (EN ISO 10545-7).

03
Non-combustible
Class A1 reaction to fire.

04
Frost resistant
Declared frost resistance.

05
Robust
700 N breaking strength.

06
Decorative shapes
Hexagons, chevrons, diamonds, rounds.

PRODUCT CHARACTERISTICS

Finish	**Poli**
Application	**Intérieur**
Installation	**collage**
Absorption	**0,5%**
Joint	**2 mm**
Weight	**2 kg**

THE MATERIAL

Glazed porcelain stoneware

Dry-pressed glazed porcelain mosaic with very low absorption (group Bla).

PERFORMANCE AND TEST RESULTS

Property	Standard	Result
Material	EN 14411	**Dry-pressed glazed porcelain stoneware (GL)**
Reaction to fire	EN 14411	**A1**
Water absorption	EN 14411	**0.11 % %**
Absorption group (EN 14411)	EN 14411	**Bla (Eb ≤ 0.5 %)**
Pendulum slip resistance (PTV)	EN 14411 / EN 16165 annexe C	**Dry: 44 PTV; wet: 15 PTV (slider 96)**
Slip resistance, shod	DIN EN 16165 annexe B	**Not R-rated (angle 2.6°)**
Thermal shock resistance	EN 14411	**Pass**
Abrasion resistance	EN ISO 10545-7	**Class 5 (12,000 revolutions)**
Breaking strength	EN 14411	**700 N**
Frost resistance	EN 14411	**Pass**
Crazing resistance	EN 14411	**Pass**

TECHNICAL DOCUMENTS

DoP
Declaration of performance
EN 14411 · 2026
On request

ESSAI
Abrasion and slip test report
EN ISO 10545-7 / DIN EN 16165 · 2023
On request

INSTALLATION

INSTALLER	SUBSTRATE	PRIMER	BATCH
Installation by a qualified professional, following good building practice.	Dry, flat, clean, degreased and dust-free.	Apply a primer with a roller or brush; in very humid rooms use a waterproofing primer.	Order the area for one room from a single batch and check quality, size and shade before installing.

Installation

1. **1** Cut with a tile cutter or angle grinder with diamond blade; drill with diamond, carbide or tungsten bit.
2. **2** Bond with white flexible adhesive for ceramic tiles and mosaics; do not use grey adhesive.
3. **3** For relief pieces, also butter the inner edges of the tile for best adhesion.
4. **4** Spread the adhesive with a notched trowel (thickness per adhesive maker) in parallel ridges; lay into fresh adhesive pressing evenly. No spot bonding.
5. **5** Seal corners, wall/floor junctions and penetrations (taps) with a flexible joint (silicone, polymer) or a profile; follow substrate movement joints and use expansion profiles on large areas.
6. **6** Before full set, remove spacers and excess adhesive from the edges. Do not use for 24 h.
7. **7** Use only fine grout for ceramic tiles; test a small area first, as intensely coloured grouts may tint the glaze.
8. **8** Grout no earlier than 24 h after bonding, with a rubber float, working in several directions to fill every gap; the joint may be flush or slightly recessed.
9. **9** Clean the surface with a clean damp sponge. Do not use for 24 h.

COLOURS AND OPTIONS

Colors

● Noir

> **WARNING**
>
> Glazed surface without slip rating (no R class, 15 PTV wet): not recommended for wet floors and shower trays.

Non-contractual document. Values are given for guidance; official documents are available on request.