

“THE CRYSTAL COLLECTION” BLENDS

| 1 | DESCRIPTION |
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| | <p>Glass mosaic composed of bevelled, randomly arranged square tesserae, and crystals made by Swarovski®, exclusive to Bisazza in terms of cut and colour. The square glass mosaic, 10x10mm (3/8"x3/8") are mounted on paper.</p> <p>With regard to the technical specifications (point 4), please refer to the data on individual components.</p> |

| 2 | APPLICATIONS | |
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| A | INTERIOR WALLS | Walls and ceilings in general, of any shape and size, for residential and public buildings |
| B | FLOORING | Not suitable |
| C.1 | <ul style="list-style-type: none"> - EXTERNAL WALLS - SWIMMING POOLS - HUMID AREAS (shower, bio sauna, spa, etc.) | Not suitable |

| 3 | WEIGHTS AND MEASUREMENTS | |
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| | Format | 10x10mm |
| | Mounting | paper |
| | Sheet dimension | 322x322mm |
| | Number of tiles/sheet | 900 |
| | Thickness | 4 mm |
| | Joint | ~1.57 mm |
| | Weight | 7 kg/sqm |
| | Quantity/carton | 1.03 sqm |
| | Sheets/carton | 10 |

| 4.a TECHNICAL CHARACTERISTICS - VETRICOLOR | | | | |
|--|-------------------------------|--------------------------------------|-------------------------------------|--------------|
| | Description | Test | Established limits | Result |
| VTC + VTC MATT | Water absorption | ISO 10545 - 3 | E ≤ 0.5% | < 0.5 |
| | Resistance to thermal shocks | ISO 10545 - 9 | 15°-145°C | resistant |
| | Resistance to chemical attack | ISO 10545 -13 | | resistant |
| | Frost resistance | ISO 10545 - 12 | | resistant |
| | Colours' resistance to fading | DIN 51094 | | resistant |
| | Stain resistance | ISO 10545 - 14 | | resistant |
| | Resistance to thermal shocks | ANSI A 137.2-2012 | +15/+71°C | resistant |
| VTC | Slip resistance | DIN 51097 | A(12°-18°) B(18°-24°) C(+24°) | A+B |
| | | DIN 51130 | R9 - R13 | R9 |
| VTC MATT | Slip resistance | BS 7976 | >36 (low) | Wet 41-40 |
| | | DIN 51097 | A(12°-18°) B(18°-24°) C(+24°) | A+B+C (31°) |
| | | D.M. 14/06/1989 n.236 part. 8.2.2 | | compliant |
| | | B.C.R Rep. CEC. 6/81 | 0.40 ≤ μ < 0.74 ≥ 0.74 | 0.59 |
| | | DIN 51130 | R9 - R13 | R11 |
| | | ENV 12633:2006 | Class 0-3 (3 Rd≥45) | Class 3 (46) |

| 4.b TECHNICAL CHARACTERISTICS - LE GEMME | | | | |
|---|-------------------------------|-------------------|-------------------------------------|---------------|
| | Description | Test | Established limits | Result |
| GM + GM MATT | Water absorption | ISO 10545 - 3 | E ≤ 0.5% | < 0.5 |
| | Resistance to chemical attack | ISO 10545 - 13 | | resistant |
| | Frost resistance | ISO 10545 - 12 | | resistant |
| | Colour resistance to fading | DIN 51094 | | resistant |
| | Resistance to thermal shocks | ANSI A 137.2-2012 | +15/+71°C | resistant |
| GM | Slip resistance | DIN 51097 | A(12°-18°) B(18°-24°) C(+24°) | A+B |
| | | DIN 51130 | R9 - R13 | R9 |
| GM MATT | Slip resistance | ENV 12633:2006 | Class 0-3 (3 Rd≥45) | Class 1 (33) |
| | | BS 7976 | >36 (low) | 25-23 (wet) |

NB: the tiles of the LE GEMME collection in the MATT version do not have the same shiny appearance as those of the standard version.

| 4.c TECHNICAL CHARACTERISTICS - SMALTO | | | | |
|---|-------------------------------|-------------------|-------------------------------------|---------------|
| | Description | Test | Established limits | Result |
| SM + SM MATT | Water absorption | ISO 10545 - 3 | E ≤ 0.5% | < 0.5 |
| | Resistance to chemical attack | ISO 10545 - 13 | | resistant |
| | Frost resistance | ISO 10545 - 12 | | resistant |
| | Colour resistance to fading | DIN 51094 | | resistant |
| | Resistance to thermal shocks | ANSI A 137.2-2012 | +15/+71°C | resistant |
| SM | Slip resistance | DIN 51130 | R9 - R13 | R9 |
| | | DIN 51097 | A(12°-18°) B(18°-24°) C(+24°) | A+B(18°) |
| SM MATT | Slip resistance | DIN 51130 | R9 - R13 | R10 |
| | | DIN 51097 | A(12°-18°) B(18°-24°) C(+24°) | A+B (21°) |
| | | ENV 12633:2006 | Class 0-3 (3 Rd≥45) | Class 2 (41) |
| | | BS 7976 | >36 (low) | 50-53 (wet) |

NB: the tiles of the SMALTO collection in the MATT version do not have the same shiny appearance as those of the standard version.

| 5 STRENGTHS | |
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| | <ul style="list-style-type: none"> - ease of surface cleaning - light weight and thinness allow for easy renovations - colour brightness - pleasant to the touch - the reduced format makes it suitable for tiling curved surfaces: convex surfaces, 20 mm radius - concave surfaces, 20 mm radius |

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| 6 | INSTALLATION |
| A | <p>For correct application, the support must have a perfectly smooth, even and white surface, and must be mature, dry, sound and stable. Never use cement-based products for installation and grouting.</p> <p>The Crystal Collection mosaic is always supplied with the Bisazza eGlue adhesive and Fillgel Plus UVR grout. The company recommends that you always use these products.</p> <p>Thoroughly wash the traces paper glue before grouting. When laying, use a spatula with 3,5 mm teeth. Average consumption Bisazza eGlue: 1.6 kg/sqm (please add 0.9 Kg/sqm for the skimming)</p> |
| B | <p>Grouting: For the best results and performance, use Bisazza Fillgel Plus UVR. The grout colour will affect the final aesthetic appearance of the product installed. Being a colourless and semi-transparent grout, Fillgel 1104 neutro base needs to be used with special care. Because of its colourless feature, the yellowing due to UV rays exposure becomes more visible with time.</p> <p>For this reason, Fillgel 1104 neutro base cannot be used outdoors and in outdoor swimming-pools. Average consumption Bisazza FILLGEL PLUS UVR: 1.45 kg/sqm</p> <p>For any information on the installation procedure, consult the installation book and the products technical data sheets.</p> |

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| 7 | MAINTENANCE |
| | <p>Use ordinary cleaning products for maintenance and cleaning of glass mosaic surfaces (except those containing hydrofluoric acid or phosphoric acid), being careful to rinse thoroughly with water. Alkaline detergents should be used carefully and rapidly rinsed out with water. Any cleaning product should not be used on heated or directly exposed to sunrays surfaces. Avoid using abrasive tools and high pressure jets of water.</p> |

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| 8 | WARNINGS |
| | <p>Before the application, all the materials should be stored in a dry place sheltered from rain and humidity. For application on every foundation: recommended use of epoxy adhesive Bisazza eGlue.</p> |