

SMALTO PURO

1	DESCRIPTION
	Glass mosaic, consisting of 20x20 mm (3/4"x3/4") square bevelled tiles mounted on paper or mesh. The material is characterised by a palette of intense, at times desaturated colours and by a compact, glossy surface that enhances the density and vibrancy of the glass.

2	APPLICATIONS
A	INTERIOR WALLS Walls and ceilings in general, of any shape and size, for residential and public buildings
B	INTERIOR FLOORING Light traffic (private residential rooms)
C	- EXTERIOR WALLS - SWIMMING POOLS - HIGH-HUMIDITY AREAS (Turkish bath, bio sauna, etc.) Gloss has good resistance to hydrolytic and alkali attacks; therefore, it is suitable for swimming pool tiling. For the uses indicated, we strongly recommend mosaic tiles mounted <u>on paper</u>. Not suitable for tiling thermal pools in general, and especially not those with sulphur waters.

3	WEIGHTS AND MEASUREMENTS																		
	<table> <tr> <td>Size</td><td>20x20 mm</td></tr> <tr> <td>Mounting</td><td>mesh*</td></tr> <tr> <td>Sheet dimensions</td><td>322x322 mm</td></tr> <tr> <td>Number of tiles/sheet</td><td>225</td></tr> <tr> <td>Thickness</td><td>4 mm</td></tr> <tr> <td>Joint</td><td>1.57 mm</td></tr> <tr> <td>Weight</td><td>7 kg/sqm</td></tr> <tr> <td>Quantity/carton</td><td>2.07 sqm</td></tr> <tr> <td>Sheets/carton</td><td>20</td></tr> </table>	Size	20x20 mm	Mounting	mesh*	Sheet dimensions	322x322 mm	Number of tiles/sheet	225	Thickness	4 mm	Joint	1.57 mm	Weight	7 kg/sqm	Quantity/carton	2.07 sqm	Sheets/carton	20
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* Paper mounted available upon request

4	TECHNICAL CHARACTERISTICS			
	Description	Test	Established limits	Result
	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 shock	ANSI A 137.2-2012	+15/+71°C	resistant
	Slip resistance	DIN 51097	A(12°-18°) B(18°-24°) C(+24°)	A

5	STRENGTHS
	- countless colour combination possibilities with other Bisazza collections to create personalised blends, shading blends or decorative effects - easy to clean surface - lightweight and thin, ideal for renovation projects - colour brightness with iridescent effect - pleasant to the touch - reduced size makes it suitable for tiling curved surfaces - 20x20 mm tiles mounted on paper: - convex surfaces, 30 mm radius - concave surfaces, 40 mm radius - 20x20 mm tiles mounted on mesh: - convex surfaces, 60 mm radius - concave surfaces, 50 mm radius

6	INSTALLATION
A	For proper installation, the substrate must be a perfectly smooth, even, white surface, and must be cured, dry, sound and stable. - On screed or plaster substrates: we recommend Bisazza Ad Hoc+Ultra* adhesive - Other types of substrates: we recommend Bisazza eGlue adhesive - For swimming pool installation, Bisazza recommends using the Bisazza Pool Installation System (Ad Hoc+Ultra adhesive and Pool eGrout epoxy grout) - For installation on saltwater swimming pools, use epoxy products only: we recommend the Bisazza Epoxy Pool Installation System (epoxy eGlue adhesive + Pool eGrout epoxy grout) and waterproofing with epoxy membrane - <u>For installation in pools or other high-humidity areas, we strongly recommend using paper-mounted mosaic tiles</u> - Regarding paper-mounted mosaic, thoroughly remove any traces of adhesive before grouting - When laying, use a 3.5 mm toothed trowel. N.B. Attrition tends to wear out the trowel; it is crucial to maintain the proper thickness of the teeth for the entire installation period, restoring it with the angle grinder, if necessary. Average consumption Bisazza Ad Hoc: 1.25 kg/sqm (two coats of skimming included) Average consumption Bisazza Ultra: 0.8 kg/sqm Average consumption Bisazza eGlue: 1.6 kg/sqm (please add 0.9 Kg/sqm for the skimming) * except for any specific standards or codes enforced by an individual country.
B	Grouting For the best results and performance, use Bisazza Fillgel Plus. The grout colour will affect the final aesthetic appearance of the installed tile. Fillgel 1104 neutro base is a colourless, semi-transparent grout; it must be applied with special care. Because it is colourless, some yellowing occurs when exposed to sunlight (UV radiation), which becomes more noticeable with time. This is why Fillgel 1104 neutro base cannot be used for exterior applications or in outdoor pools. For pools and outdoor use, Bisazza recommends Pool eGrout epoxy grout. Average consumption Bisazza Fillgel Plus: 1.45 kg/sqm Average consumption Bisazza Pool eGrout: 1.35 kg/sqm For further information on installation procedures, consult the installation manual and product technical data sheets.
7	MAINTENANCE
	Use ordinary cleaning products (except those containing hydrofluoric acid or phosphoric acid), for maintenance and cleaning of glass mosaic surfaces, taking care to rinse thoroughly with water. Alkaline detergents should be used cautiously and quickly rinsed off with water. Cleaning products should never be used on hot surfaces or those directly exposed to sunlight. Avoid using abrasive tools and high-pressure water jets (pressure washing).
8	WARNINGS
	The colour of the mosaic tiles is never perfectly uniform or even. Slight chipping in some tiles is a characteristic feature of the product. Also, please take note: it is impossible to guarantee that tile colours in subsequent orders will be identical. Prior to installation, all materials should be stored in a dry place sheltered from rain and humidity. For information on use with fibreglass or steel swimming pools, contact Bisazza's technical office: installation.department@bisazza.com