

FLOW

1	DESCRIPTION
	<p>Glass mosaic, consisting of 20x20 mm (3/4"x3/4") square bevelled tiles with undulating surface mounted on paper. The FLOW collection consists of 12 colours.</p> <p>Also available in a MATT version: classes A+B+C as defined by DIN 51097 matt and non-slip (wet-loaded barefoot areas) with the technical features indicated at point 4.</p>

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	<ul style="list-style-type: none"> - EXTERIOR WALLS - SWIMMING POOLS - HIGH-HUMIDITY AREAS (shower, Turkish bath bio sauna, etc.) 	Suitable for all these environments

3	WEIGHTS AND MEASUREMENTS	
	Size	20x20 mm
	Mounting	paper
	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

4	TECHNICAL CHARACTERISTICS			
	Description	Test	Established limits	Result
FLOW + FLOW MATT	Water absorption	ISO 10545 - 3	< 0.5%	0
	Stain resistance	ISO 10545 - 14		resistant
	Resistance to thermal shock	ISO 10545 - 9		resistant
	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
FLOW	Slip resistance	DIN 51130	R9 - R13	R10
		DIN 51097	A(12°-18°) B(18°-24°) C(+24°)	A
		ENV 12633:2006	Class 0-3 (Rd≥45)	Class 1 (22)
FLOW MATT	Slip resistance	DIN 51130	R9 - R13	R11
		DIN 51097	A(12°-18°) B(18°-24°) C(+24°)	A+B+C
		ENV 12633:2006	Class 0-3 (Rd≥45)	Class 3 (52)

5	STRENGTHS
	<ul style="list-style-type: none"> - compatibility with all 20x20 mm Bisazza Collections; countless colour combination possibilities with the blends - 3D effect of the tile surface - easy to clean surface - lightweight and thin, ideal for renovation projects - colour brightness - pleasant to the touch - tiling of curved surfaces: convex surfaces, 30 mm radius - concave surfaces, 40 mm radius

6	INSTALLATION
A	<p>For proper installation, the substrate must be a perfectly smooth, even, white surface, and must be cured, dry, sound and stable.</p> <ul style="list-style-type: none"> - Interior screed or plaster: we recommend Bisazza Ad Hoc+Ultra* adhesive - Other types of substrates: we recommend Bisazza eGlue adhesive - For swimming pool and exterior installation, we recommend the Bisazza Pool Installation System (Ad Hoc+Ultra adhesive and Pool eGrout epoxy grout) - For installation on swimming pools with salt water or thermal spring water, use epoxy products only: we recommend the Bisazza Epoxy Pool Installation System (epoxy eGlue adhesive + Pool eGrout epoxy grout) and waterproofing with epoxy membrane - For installation of the more transparent colours FL 09 - FL 87, Bisazza recommends always using the Epoxy Installation Kit (eGlue epoxy adhesive + Fillgel Plus epoxy grout); for swimming pool installation of these two solid colours, use the Bisazza Epoxy Pool Installation System (eGlue epoxy adhesive and Pool eGrout epoxy grout). - For the SHIFT version, we recommend using profiles in the corners and on wall ends - <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 flex tool, if necessary <p>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 skimming)</p> <p>* except for any specific standards or codes enforced by an individual country.</p>
B	<p>Grouting</p> <p>For the best results and performance, use Bisazza Fillgel Plus. The grout colour will affect the final aesthetic appearance of the product installed.</p> <p>A colourless and semi-transparent grout, Fillgel 1104 neutro base 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.</p> <p>Average consumption Bisazza Fillgel Plus: 1.45 kg/sqm Average consumption Bisazza Pool eGrout: 1.35 kg/sqm</p> <p>For further information on the installation process, consult the installation manual and product technical data sheets.</p>

7	MAINTENANCE
	<p>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).</p>

8	WARNINGS
	<p>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 note: it is impossible to guarantee that tile colours in subsequent orders will be identical.</p> <p>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 the Bisazza technical office: installation.department@bisazza.com</p>