

## FLOW

1	DESCRIPTION
	Glass mosaic, consisting of 20x20mm (3/4"x3/4") bevelled square tiles with undulating surface mounted on paper. The FLOW collection consists of 12 colours. Also available in the MATT version: classes A+B+C as defined by DIN 51097 (wet-loaded barefoot areas).

2	APPLICATIONS	
A	INTERIOR WALLS	Walls and ceilings in general, of any shape and size, for residential and public buildings
B	FLOORING	Light traffic (private residential rooms)
C	<ul style="list-style-type: none"> <li>- EXTERNAL WALLS</li> <li>- SWIMMING POOLS</li> <li>- HUMID AREAS (shower, bio sauna, spa, etc.)</li> </ul>	Suitable for all these environments

3	WEIGHTS AND MEASUREMENTS	
	Size	20x20mm
	Mounting	Paper
	Sheet dimensions	322x322mm
	Number of tiles/sheet	225
	Thickness	4 mm
	Joint	~1.57 mm
	Weight	7 kg/m <sup>2</sup>
	Quantity/carton	2.07 sqm
	Sheets/carton	20

4	TECHNICAL CHARACTERISTICS			
FLOW + FLOW MATT	<b>Description</b>	<b>Test</b>	<b>Established limits</b>	<b>Result</b>
	Water absorption	ISO 10545 - 3	< 0,5%	0
	Stain resistance	ISO 10545 - 14		resistant
	Resistance to thermal shocks	ISO 10545 - 9		resistant
	Resistance to chemical attack	ISO 10545 - 13		resistant
	Frost resistance	ISO 10545 - 12		resistant
	Colours' resistance to fading	DIN 51094		resistant
	Resistance to thermal shocks	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"> <li>- compatibility with all 20x20 mm Bisazza Collections, therefore infinite possibilities of colour combination in blends</li> <li>- 3D effect of the tile surface</li> <li>- ease of surface cleaning</li> <li>- light weight and thinness allows for easy renovations</li> <li>- colour brightness</li> <li>- pleasant to the touch</li> <li>- tiling of curved surfaces:  <ul style="list-style-type: none"> <li>convex surfaces, 30 mm radius - concave surfaces, 40 mm radius</li> </ul> </li> </ul>

6	INSTALLATION
<b>A</b>	<p>For best results, the foundation must have a perfectly smooth, even surface, and must be dry, sound and stable.</p> <ul style="list-style-type: none"> <li>- Cement or plaster foundations: recommended use of adhesive Bisazza Ad Hoc</li> <li>- Foundations of other nature: recommended use of adhesive Bisazza eGlue</li> <li>- For exteriors, submersed areas and humid areas: recommended use* of adhesive Bisazza Ad Hoc+Ultra</li> <li>- Transparent or semi-transparent mosaic installed in swimming-pools or humid areas (shower, bio-sauna, Turkish bath, etc...): recommended use of Bisazza Installation Kit (Bisazza eGlue + Fillgel Plus UVR)</li> <li>- Installation in swimming-pools with salty water or thermal water: recommended use of Bisazza Installation Kit (Bisazza eGlue + Fillgel Plus UVR); we recommend waterproofing with epoxy products as well.</li> <li>- For the SHIFT version it is recommended to use edges in the corners and at the end of the wall</li> <li>- Thoroughly wash the traces paper glue before grouting</li> <li>- When laying, use a spatula with 3,5 mm teeth</li> </ul> <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 the skimming)</p> <p>* except for any specific rule or protocol enforced by the single Country.</p>
<b>B</b>	<p><b>Grouting:</b>                      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. 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><b>For any information on the installation procedure, consult the installation book and the products technical data sheets.</b></p>

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>

8	WARNINGS
	<p>Before the application, all the 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)</p>