

Resin Agglomerate Terrazzo

Applicable to our materials with product codes **MSRA**

Resin-marble is a precast material composed of marble chippings bonded together with special resins and pigments. Produced in standard size blocks (305x124x84 cm) using patented vacuum-technology plants. Blocks are cut into slabs normally 1.2, 2, 3 and 4cm thick, which are then used for multitude of applications including tiles, stairs, sills, wall-claddings and counter tops.

Its high resistance to abrasion, shock and flexural strength as well as its chromatic homogeneity, make a suitable material for large areas. Standard production divides the colours in 2 branches: materials made with large chips which are similar and have the same colour of the marble they are cast with and materials made with micro-size marble chips famous for their higher resistance and their modern look.

CHARACTERISTICS	Standard	Unit	Range of values
Density	EN 14617-1:2005	Kg/dm ³	2.5 - 2.6
Water absorption	EN 14617-1:2005	% (volume)	<0.2
Flexural strenght	EN 14617-2:2008	MPa	11.5 - 24.6
Compresive strenght	EN 14671-15	MPa	90 - 120
Resistance to deep abrasion	EN 14617-4:2012	mm	34.5 - 36
Coef. of linear thermal expansion	EN 14617-11:2005	m/m°C	14 - 24 x 10 ⁻⁶
Slip resistance	UNI EN 14231:2004 and "The UK Slip Resistance Group Guidelines (Issue 4 2011) where appropriate.	PTV	Honed to achieve PTV>25 wet (PTV>36 can be achieved out of the box)
Combustion reaction	EN 13501-1	-	A2 fl S1
Resistance to chemicals	EN 14617-10:2012	Class	C1
Dimensional stability	EN 14617-12:2012	-	A
Impact resistance	EN 14617-9:2005	W	1 - 2 J

STANDARD ITEMS

Blocks	305 x 124 cm - A ca. 84 cm		
Slabs	305 x 124 cm	Thickness	2, 3, 4, 3+3 cm (or thicker for special pieces – sinks, benches, etc.)
Floor tiles	50x30 cm	Thickness	1.2cm
	60x30 cm		
	60x40 cm		
	30x30 cm		
	40x40 cm		
60x60 cm			
Cut to size		Thickness	2, 3, 3+3 cm
Skirting	7 x 1.2 cm		

Special size and thickness upon request

WEIGHTS

1.2 cm	31 kg/sqm	2+2 cm	100 kg/sqm
2 cm	50 kg/sqm	3+3 cm	150 kg/sqm
3 cm	75 kg/sqm	Skirting	1.8 kg/lm

Notes:

The correct adhesive and silicone system should be used and installation be carried out by a bona-fide terrazzo installer.

Stain resistance: the material will perform in the same way as natural marble and resin.

Acidic contamination from substances like, bleach, white wine, vinegar and lemon juice should be avoided.

Specialist treatments are available upon request and should be applied by a specialist.

We recommend Fila solutions for any advice on cleaning and maintenance: www.filasolutions.com

For special pieces, like sinks, carved pieces, statues, fireplaces etc., we can develop shop drawings for information and organize for the material to be prepared prior to shipping, sufficient time should be allowed for the design of these items and are quoted on a piece by piece basis.