

## Technical card

Product category

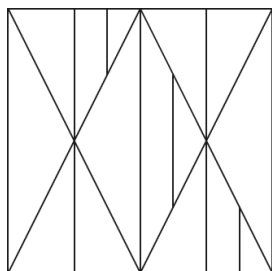
Coverings

Collection

Opus

Model

Tangram



### Description

modular elements for wall and floor claddings

Taric code

marble: 6802 9100 90

stone: 6802 9990 90

Design model protected by patent and ADI registered

Available standard sizes

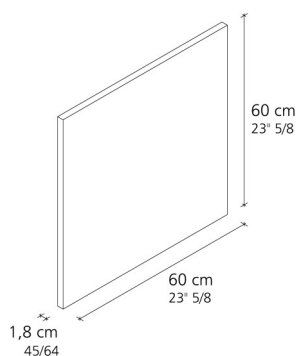
cm 60x60x1,8

23 5/8" x 23 5/8" x 45/64"

Tolerance:  $\pm 0,5$  mm for width and height.

Tolerance:  $\pm 1$  mm for thickness

The module is composed of: a marble plate of thickness 1 cm (base) and the marble composition 'Tangram' of thickness 0,8cm.



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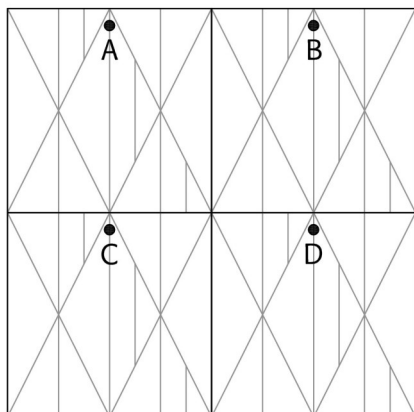
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## Technical information

palette	polished	reeded	materials	typology	material's weight per volume unit	water absorption	compression breaking load	palette's weight
Patchwork	•	•	carrara ghiaccio	crystalline marble	2550 Kg/m <sup>3</sup>	0,93%	1309 Kg/cm <sup>2</sup>	48kg/m <sup>2</sup>
			bardiglio nuvolato	crystalline marble	2687 Kg/m <sup>3</sup>	0,15%	1387 Kg/cm <sup>2</sup>	
			breccia di serravezza	crystalline marble	2700 Kg/m <sup>3</sup>	—	1050 Kg/cm <sup>2</sup>	
			paon royal	crystalline marble	2704 Kg/m <sup>3</sup>	0,11%	1602 Kg/cm <sup>2</sup>	
Aloe	•	•	carrara ghiaccio	crystalline marble	2550 Kg/m <sup>3</sup>	0,93%	1309 Kg/cm <sup>2</sup>	46kg/m <sup>2</sup>
			verde acquamarina	calcareous marble	2350 Kg/m <sup>3</sup>	—	—	
			verde imperiale	calcareous marble	2672 Kg/m <sup>3</sup>	—	1753 Kg/cm <sup>2</sup>	
			verde ming	calcareous marble	2680 Kg/m <sup>3</sup>	0,44%	1427 Kg/cm <sup>2</sup>	
Chaplin	•	•	bianco thassos	crystalline marble	2680 Kg/m <sup>3</sup>	—	1115 Kg/cm <sup>2</sup>	48kg/m <sup>2</sup>
			breccia di serravezza	crystalline marble	2700 Kg/m <sup>3</sup>	—	1050 Kg/cm <sup>2</sup>	
			carrara ghiaccio	crystalline marble	2550 Kg/m <sup>3</sup>	0,93%	1309 Kg/cm <sup>2</sup>	
			nero marquinia	calcareous marble	2700 Kg/m <sup>3</sup>	0,90%	1428 Kg/cm <sup>2</sup>	
Zafferano	•	•	fior di panna	limestone	2690 Kg/m <sup>3</sup>	0,24%	—	47kg/m <sup>2</sup>
			giallo afrodite	onyx	2430 Kg/m <sup>3</sup>	1,30%	940 Kg/cm <sup>2</sup>	
			giallo del doge	calcareous marble	2703 Kg/m <sup>3</sup>	2,72%	1765 Kg/cm <sup>2</sup>	
			venato monaco	calcareous marble	2700 Kg/m <sup>3</sup>	0,17%	—	
Ginger	•	•	arancio di selva	calcareous marble	2660 Kg/m <sup>3</sup>	—	—	47kg/m <sup>2</sup>
			fior di panna	limestone	2690 Kg/m <sup>3</sup>	0,24%	—	
			rosso francia	calcareous marble	2450 Kg/m <sup>3</sup>	—	1344 Kg/cm <sup>2</sup>	
			rosa peralba	calcareous marble	2711 Kg/m <sup>3</sup>	—	—	
Chantilly	•	•	beige canapa	limestone	2680 Kg/m <sup>3</sup>	1,25%	—	48kg/m <sup>2</sup>
			fior di panna	limestone	2690 Kg/m <sup>3</sup>	0,24%	—	
			perla dalmata	calcareous marble	2600 Kg/m <sup>3</sup>	1,00%	—	
			venato monaco	calcareous marble	2700 Kg/m <sup>3</sup>	0,17%	—	
Cosmo	•	•	carrara ghiaccio	crystalline marble	2550 Kg/m <sup>3</sup>	0,93%	1309 Kg/cm <sup>2</sup>	46kg/m <sup>2</sup>
			invisible gray	granite	2450 Kg/m <sup>3</sup>	—	—	
			monaco brown	calcareous marble	2703 Kg/m <sup>3</sup>	0,25%	—	
			sodalite	granite	2560 Kg/m <sup>3</sup>	0,30%	—	

## Laying direction



## Laying advices

The laying of all materials, and of stone in particular, has to be entrusted to expert, qualified and equipped personnel. 'Opus' were designed to be laid without joints, by simple module combination. The job will have to be entrusted to trustworthy personnel, who will arrange for a possible grouting with specific products (e.g. Kerakoll plasters prepared to be in tone). The grouting has to be carried out when the adhesive is completely dry. The drying depends on the temperature and support conditions. It is important to underline the importance of the worksite cleaning both in the tiles gluing and possible grouting phase; for this purpose, during the job execution it is good practice to remove any excess glue or plaster by using a sponge soaked in water.

## Suggested adhesives

We suggest the use of 'Biogel Extreme' adhesive by Kerakoll. Depending on the height of the cladding, and the local building regulations please consider the use of a mechanical fixing system in addition to the glue.

## Grouts

For a possible grouting, use 'Kerakoll Fugabella Color 0-50'.

## Polishing on site

It is possible to polish again the floor tiles after laying with prior consultation with your sales referent during order confirmation stage.

## Protective treatments

All the tiles are pretreated before delivery with a sealer, according to the following chart:

palette	finish: polished	finish: reeded
Patchwork	Fila Hydrorep Eco	Bellinzoni Antik
Aloe	Fila Hydrorep Eco	Bellinzoni Antik
Chaplin	Fila Hydrorep Eco	Bellinzoni Antik
Zafferano	Fila Hydrorep Eco	Bellinzoni Antik
Ginger	Fila Hydrorep Eco	Bellinzoni Antik
Chantilly	Fila Hydrorep Eco	Bellinzoni Antik
Cosmo	Fila Hydrorep Eco	Bellinzoni Antik

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#### After-laying

For the after laying operate as follows:

#### First washing

For the after-laying washing, you can use 'Fila Cleaner' neutral detergent or, in case of stubborn dirt, 'Fila PS/87' alkaline detergent.

Product: Fila Cleaner diluted with water at a ratio of 1:20 or Fila PS/87 diluted at a ratio of 1:10

Yield: 3-5 l for 100 sq. Meters

Procedure: after wiping well and wetting with water, spread the detergent solution. Then use a sponge or a cloth. Remove any excess by using a wet vacuum cleaner or a cloth; finally, rinse with water carefully, by removing any excess again.

#### Maintenance

The material has to be kept with an ordinary cleaning. Aim of the ordinary maintenance is to remove the general dirt, such as particles of dust and marks. The maintenance must be carried out regularly and it is essential to use the correct procedures and products, so as not to damage the protection ensured by the initial treatment. The interventions must be graduated according to needs.

Ordinary cleaning: use 'Fila Cleaner' diluted detergent (2 or 3 caps of product in 5 litres of water are enough), rinsing is not necessary.

Protection renewal: when the surface needs a treatment renewal, apply a uniform coat of 'Fila Fob'.

For any further information on Fila products please visit Fila website [www.filasolutions.com](http://www.filasolutions.com) or contact Fila Industria Chimica Spa.

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