

# Acrystal Decor Carrara

## Highlight

- A white composite material with two components :
  - an aqueous acrylic liquid resin "Acrystal Prima"
  - a powder «Acrystal Decor Carrara» of natural mineral crystal structures and mineral fillers
- Realization of objects with an aspect of "white marble" or "Sandstone" by adding pigments
- Can be applied directly to foams such as polystyrene
- Can be used internally
- Can be used externally with a protective film
- Casting or gelcoat

## Advantages

- During application
  - non toxic
  - low odour
  - easy to work with
  - aqueous, solvent free
  - no mould cleaning
  - tools cleaned with water
  - low exotherm (< 45°C)
- Aspect
  - impressive quality of finishes
  - high quality finish
  - possibility of coloration
  - homogenous colouration
- High performances
  - low expansion at setting (< 0,1%)
  - moisture resistance
  - fire resistance
  - durable
- Economical
  - less working time
  - increases life-time of silicone moulds
  - no solvents for cleaning
  - few consumables

## Product reference

Kit Acrystal Decor Carrara 24 kg : 2180



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## Applications

- Architectural decoration
- Replicas
- Scale models
- Scenography
- Museography
- Art & artwork
- Foam coating



*Victory of Samothrace - Caroline Carret - Genève*

## Modeling paste

Acrystal Decor Carrara can be used as a modeling paste.

For more details about processing :  
[www.acrystal.com](http://www.acrystal.com) > products > users guide > «Tips & tricks »

## Complementary products

- Acrystal Prima
- Pigments 1 kg : 4111 to 4115
- Glass fibres 200-4D : 6260 / 6280
- Acrystal Finition 5 kg : 3310
- Retarder 1 kg : 3110
- Thixotrope 1 kg : 3210
- Aluminium whisk : 5110

For more details about this products :  
[www.acrystal.com](http://www.acrystal.com) > products

## Processing

Mixing ratio by weight:

- 1 kg Acrystal Prima liquids
- 5 kg Acrystal Decor Carrara powders

- Blend Acrystal Decor Carrara powder in Acrystal Prima liquids
- Selon le cas :
  - extract air by usual techniques and cast into silicone rubber moulds
  - Use as a gelcoat and laminate with Acrystal Prima
- To show the glittering particles wash the surface immediately after demoulding or sand after complete drying
- For an external use, apply Acrystal Finition, a paint or a varnish on your finished product

For more details about processing :  
[www.acrystal.com](http://www.acrystal.com) > products > users guide



*Bayerische Staatsoper München - Die Tragödie des Teufels - 8 m staircase - 500 kg Acrystal Decor Carrara - 500 kg Acrystal Prima - 750 m² fiberglass - Design Peter Pfizner*

## Technical data (indicative figures)

Fresh wet density (unfilled)	2000 - 2100 kg / m <sup>3</sup>
Air dry density (unfilled)	1850 - 1950 kg / m <sup>3</sup>
Pot life	8 - 10 mn
Final set (demould)	20 - 100 mn
Compressive strength	25 - 30 MPa séchage au four
Expansion at setting	< 0.1 %
U.V. resistance	excellente

All information contained in this data sheet is given in good faith. However, it remains all times the responsibility of the customer to ensure that the materials are suitable for the particular purpose intended.

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