



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 used internally
- ▶ Can be used externally with a protective film
- ▶ Can be applied directly to foams such as polystyrene
- ▶ Can be used for casting, rotomoulding, laminating or spraying

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
 - excellent quality/price ratio
 - increases life-time of silicone moulds
 - no solvents for cleaning
 - few consumables

Product reference

- ▶ Kit Acrystal Decor Carrara 24 kg : 2180

Applications

- ▶ Architecture
- ▶ Interior design
- ▶ Replicas
- ▶ Scale models
- ▶ Scenography
- ▶ Museography
- ▶ Art & artwork
- ▶ Application on polystyrene



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

Complementary products

- ▶ Acrystal Prima
- ▶ Pigments 1 kg : 4111 à 4114
- ▶ Glass fibres 200-4D : 6260 / 6280
- ▶ Acrystal Finition 5 kg : 3310
- ▶ Retardater 1 kg : 3110
- ▶ Thixotrope 1 kg : 3210
- ▶ Aluminium wisk : 5110

For more details about this products :
www.acrystal.com > products

Processing

- ▶ Mixing ratio by weight :
 - ▷ 1 part Acrystal Prima liquids
 - ▷ 5 parts Acrystal Decor Carrara powders
- ▶ Blend Acrystal Décor Carrara powder in Acrystal Prima liquids
- ▶ According to the application :
 - extract air by usual techniques and cast into silicone rubber moulds
 - use as a gel coat, then laminate with Acrystal Prima using a brush or spatula and reinforcing fibers.
 - spray material with an adapted spray gun
- ▶ 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 > products > users guide



Victory of Samothrace - Caroline Carret - Genève

Acrystal®

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Technical data (indicative figures)

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

Toutes les informations contenues dans cette fiche sont données à titre indicatif. Il reste cependant de la responsabilité de l'utilisateur de vérifier l'adéquation du produit avec l'utilisation souhaitée.