



# Acrystal Retarder

## Highlight

- ▶ Transparent non-toxic and odourless liquid additive, which :
  - increase the pot life
  - thin the Acrystal mix at initial stage phase
  - extends the setting and hardening time
- ▶ Recommended for the realization of large laminated panels.
- ▶ Indispensable if used with a spray gun.

## Applications

- ▶ Acrystal Prima
- ▶ Acrystal Decor Metal
- ▶ Acrystal Decor Carrara

## Product reference

- ▶ Acrystal Retarderr 1 kg : 3110



Restaurant « Sur Mesure » - Mandarin Oriental Paris -Jouin Manku Architectureinteriordesign - Walls and celings - Acrystal Prima machined using CAD - Cambium - La Balme de Thuy - Photo H el ene Hilaire Resort

## Processing

- ▶ Recommended quantity at 20°C : 0,2 to 1 % of the global weight of the mixing.
- ▶ Maximum quantity : 2 %.
- ▶ Acrystal retarder must be mixed into the Acrystal liquid, before incorporation of the powder.
- ▶ The time of initial setting and therefore the quantity of retarder varies depending on:
  - the used Acrystal product
  - the product age
  - the temperature of use

### Attention :

- ▶ Too much retarder may :
  - inhibit the setting
  - alter the mechanical characteristics of the finished product

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

# Acrystal Thixotrop

## Highlight

- ▶ Opaque non-toxic and odourless liquid additive, which :
  - thickens Acrystal products
  - makes the product stick to the vertical parts of molds, mold cases and polystyrene or other foam supports
- ▶ Recommended for :
  - realization of Acrystal gelcoats
  - spraying with a spray gun

## Applications

- ▶ Acrystal Prima
- ▶ Acrystal Decor Carrara

## Product reference

- ▶ Acrystal Thixotrop 1 kg : 3210



Paloma Varga Weisz - "Foreign Body" - 2022 - 8 m x 6 m x 7,5 m - Steel structure, styrofoam, Acrystal Prima, transport containers - Joshua Tree - Californie

## Processing

- ▶ Recommended quantity at 20°C : 0,2 to 0,3 % of the global weight of the mixing.
- ▶ Maximum quantity : 1,5 %.
- ▶ Gradually introduce the Acrystal thixotrop at the end of the mixing (liquid + powder) until the desired consistency.
- ▶ Mixing must be done using a mixing blade at low speed (<300 rmd/min).
- ▶ Used as recommended Acrystal thixotrop does not alter the mechanical characteristics of the products.

### Attention :

- ▶ Too much thixotrop may :
  - inhibit the setting
  - alter the mechanical characteristics of the finished product

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

# Acrystal®

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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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