

# Fine Casting Plus

## Product Description

Fine Casting Plus is a formulated hemihydrate plaster ( $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ ) produced from naturally occurring gypsum mineral. It is off-white in colour.

## Applications

Used in the manufacture of:

- Fibrous Plasterwork
- Glass reinforced gypsum structures
- General casting of decorative plasterwork and modelling applications
- Interior crack fillers & other plaster formulations

## Technical Data

The technical data outlined represents typical figures only. For further details, please contact Formula directly.

Initial Vicat setting time  
@ pwr of 1.43:1, 100/70

18 – 22 mins

Compressive strength, dry  
@ pwr of 1.54:1, 100/65

14 MN/m<sup>2</sup>

Compressive strength,  
2 hrs after setting  
@ pwr of 1.54:1, 100/65

7 MN/m<sup>2</sup>

Linear expansion,  
2 hours after setting  
@ pwr of 1.54:1, 100/65

0.25%

Unless otherwise stated, Formula's standard test methods apply. To obtain a copy of the test methods used, please contact Formula directly.

The plaster to water ratios quoted are those used in Formula's standard test methods and are not necessarily those used in practice. The precise consistency to use will need to be adjusted to suit the individual application. Changes to plaster to water ratio will influence product performance particularly setting time and strength.

Plaster based products are not recommended for conditions where they are likely to be located externally or in any way subjected to weathering or excessive dampness.

When stored under dry conditions, this product will have a shelf life of three months from the date of manufacture that is displayed on each sack.

Absorption of moisture can result in changes to physical properties including a reduction in the set strength of plasters and also a lengthening of setting time. To help protect the product during use, open or part used bags should be carefully folded and closed.

Each bag is date stamped and stocks should be rotated so that the oldest material is used first.

For further technical information or advice on any matter relating to a BPB Formula product, please contact Formula directly.

## Supply Details

Fine Casting Plus is available in 25Kg paper sacks. The company contracts solely upon its conditions of sale, copies of which are available on request. Further information may be obtained by contacting BPB Formula.

## Health and Safety

Health and Safety information sheets are available for all BPB Formula Industrial Plasters and Gypsum Minerals and can be obtained on request.

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