

Special plasters

Ceramic industries, Sanitary porcelain and Container porcelain

Since in the sanitary porcelain industries of Iran, casting is done by traditional slurry method, therefore gypsum molds play an essential role in the quality of the final product.

Therefore, gypsum molds are of special importance in this industry in terms of longevity, water absorption and finished surface.

The optimization of these parameters is related to a series of effective factors inherent in plaster such as strength, granulation, water absorption, permeability coefficient, fluidity and setting time of molding plaster, as well as some conditions of making plaster molds such as stirring speed, stirring time, water temperature, It depends on the hardness of the water and how to dry the mold.

Introduced Products

- 1 Gypsum for porcelain industry
- 2 Porcelain casting plaster container
- 3 Casting plaster of sanitary porcelain industry
- 4 Alpha plaster for the production of master molds for the sanitary porcelain industry and container porcelain industry

Gypsum for porcelain industry

This gypsum is used in porcelain factories to make flat and hollow molds, regular and circular, by press method, which has high strength and relatively low water absorption.

The composition percentage of water is 66 to 100 gypsum

Fluidity 19 cm

Initial take time 10-12 minutes

To obtain the standard quality, the combination of water and plaster must be weighed.

Plaster for mold reproduction in Porcelain container industries

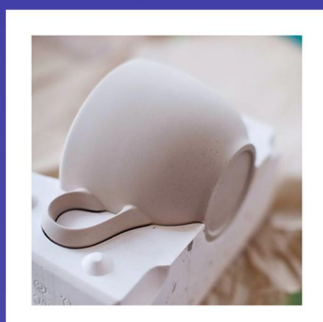
This plaster is used for casting in porcelain factories, which has good strength and high water absorption

The percentage of water composition is 74 to 100 gypsum

Fluidity 22-23 cm

Initial setting 12-13 minutes

To obtain the standard quality, the combination of water and plaster must be weighed.



Plaster for mold reproduction in sanitary porcelain industries

This plaster is used in sanitary porcelain factories, which has good strength, high water absorption and high setting time

The composition percentage of water is 72 to 100 gypsum

Fluidity 24 cm

Initial capture 13-15

To obtain the standard quality, the combination of water and plaster must be weighed.

Alpha plaster for the production of master molds for the sanitary porcelain industry and container porcelain industry

The percentage of water composition is 30 to 100 gypsum

Fluidity 21-23 cm

The initial setting is 15 to 17 minutes

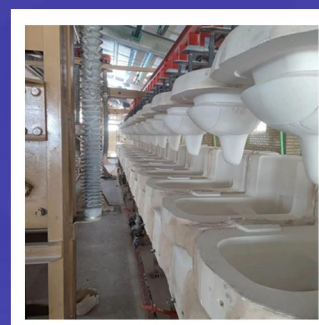
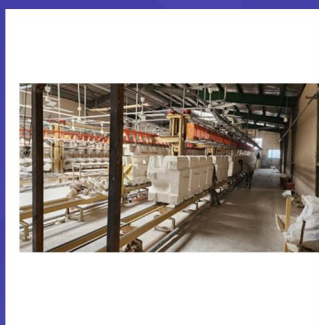
17 MPa bending strength

%water absorption 7

Expansion coefficient 0.2

White / red color

To obtain the standard quality, the combination of water and plaster must be weighed.





**Ordering products is done through the website or
by contacting the sales department**

SGPSM.com

