

Plasters

Overview and general guidelines for working with plaster



- We have plasters for the most common work, from simple casts and hobby work to more advanced plaster work.
- Highest quality from market leading manufacturers in Europe is your guarantee for a successful result.
- Our standard plasters are packed in two sizes: 25 kg (bag) and 5 kg.
- Other products (not on stock): Dental-plasters, plasters for sanitary industry, Tableware production, plasters for technical ceramics, etc.

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Products and usability

Our high quality standard plasters can be used for most jobs in ceramics manufacturing. For special needs, please contact us.

Primodur 40	Primosupra 60	Primosupra 70
Mother molds	Working molds	Casting molds
Fusing molds	Plaster boards	Simple casting work
Models	Models	Hobby work



Read our general guide lines for working with our plasters



1) Weighing

Weigh and measure the correct amounts of plaster and water, according to the specified recipe. Sprinkle gypsum powder in the water, and let it sink slowly. Do not stir yet!

2) Mixing

After a few minutes, when all the plaster has fallen below the water, stir from the bottom upwards, so that no lumps are left behind. Try to avoid whisking down air. Hit the bucket against the floor a few times, to drive the air bubbles to the surface.

3) Casting

Start casting, before the plaster is starting to get thick.

Other:

- a) Always use fresh, cold water and clean tools.
- b) Plaster tools should be cleaned well to avoid corrosion.
- c) Never pour plaster down the drain!
- d) Hot water shortens the setting time, while addition of small amounts of citric acid extends it.

Experiment with caution!

Plaster mixing recipes

Product	Primodur 40	Primosupra 60	Primosupra 70
Mixing advice	Approx. 0,4 L water / kg dry plaster	Approx. 0,6 L water / kg dry plaster	Approx. 0,7 L water / kg dry plaster
Plaster / Water	2,5 : 1	1,67 : 1	1,43 : 1
Initial setting time, min	9	14	16
Hardness, N/m	110	48	33
Expansion, %	0,2	0,24	0,2
Float value, cm	21	21	21
Properties	Hard surface, low porosity. High mechanical strength.	Semi-hard surface, low porosity. High mechanical strength.	Soft surface, high porosity, good absorption capacity.

NOTE! There are several things that can affect the outcome, such as storage time, water quality and water temperature, mixing techniques, etc. Always test on a small scale to find the conditions that applies for **you**.

