

Recommendation for deflocculation Porcelain powder No. 1105

100 % Dry powder
40 % Water
0,06 % Deflocculant Gießfix 162

Percentages are based on
100 % porcelain powder

1755 g Litre weight

Porcelain powder	1kg	5 kg	100 kg	500 kg
Water	0.40 kg	2 kg	40 kg	200 kg
Deflocculant Gießfix 162	0.6 g	3.0 g	60 g	300 g

Fill the given amount of water into a suitable container. Carefully weigh the deflocculant and add to the water. Stir the whole until the deflocculant is dissolved.

While stirring constantly, add the dry powdered body. Then stir the casting slip intensively for 30 minutes and then slowly for a while so that the necessary reaction between the body, the water and the deflocculant can take place.

Adjusting the casting slip: to ensure that the body is ready for casting, measure the litre weight first. If the litre weight is more than indicated above, then add more water. If the litre weight is less than the above mentioned value, then add more dry powder. (As slips don't mix well with powder, you should try to avoid lower litre weights. A higher litre weight is easier to adjust with water.)

If the litre weight is correct then cast a test piece. If the cast wall is too thick, then the casting slip is not enough liquefied. To adjust this, simply add deflocculant in small quantities. Try 0.01% of every deflocculant first, which is 0.1g for every 1kg of powder.

Then stir the casting slip for 15 to 30 minutes and cast another test piece.

As the deflocculants are dependent on temperatures and the kind of water used, we must emphasize that the above mentioned adjustment of casting slips are merely hints and therefore not binding.

Pay attention: Please, exactly weigh the deflocculant.