

Characteristics

FSZ 2000 - SK is a stoneware body suitable for all forming methods.
Available as spray - dried granulate.

Firing Colour	cream - grey
Recommended Firing Temperature Range	1000 - 1200 °C

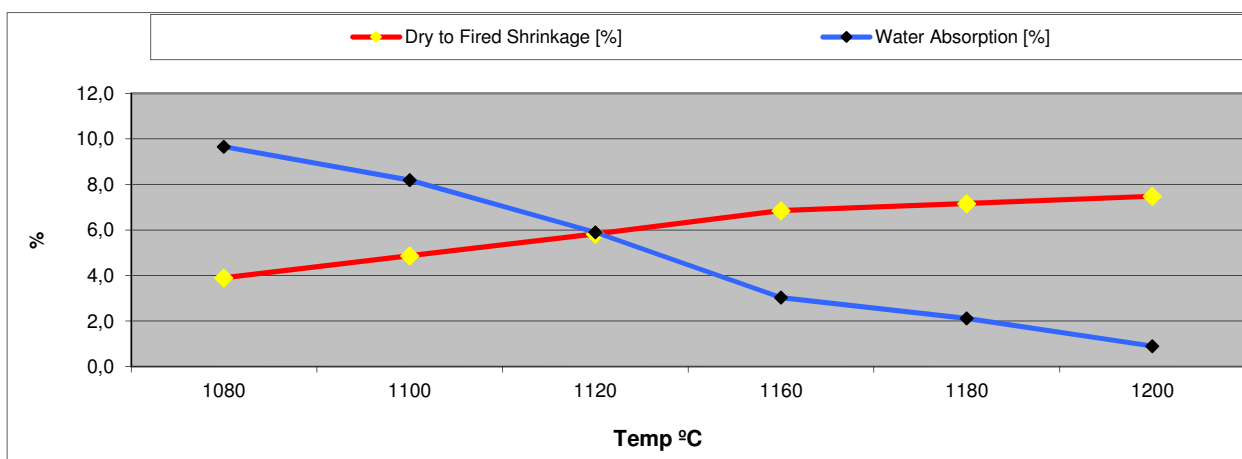
Technical Data

Unfired

Moisture	6,5%	spray dried						
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	71,6%	0,60%	22,0%	0,50%	0,80%	0,40%	2,60%	1,50%
Loss of Ignition	6,2%							
Wet to Dry Shrinkage	3,0%	casting						

Fired

Specimen Firing Temperature [°C]	1140	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	6,8
	20 - 500 °C	7,3
	20 - 600 °C	8,4
Dry to Fired Shrinkage [%]	6,2	
Water Absorption [%]	4,8	



Dolaflux B 11 : Giessfix 162	1 : 2
Optimum Amounts	0,18% - 0,22%

First deflocculant and afterwards, add the granulate under slow stirring to the water.

Specific Weight to Achieve	1780 - 1800 g / l
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FSZ 2000 - SK needs about 36 % water to achieve s.w. of 1790 g / l

Test the casting advice in own production first remembering the mentioned amounts are depending on the hardness of the water, the type of blunger, and the desired properties of the casting.

- use the right amount of deflocculant to achieve optimum casting time
- if castthickness is too small, use less deflocculant
- don't use more than 10 - 15 % of scrap (above the fresh made slip)

The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.



KERAMISCHE MASSEN

Sibelco Deutschland GmbH
Sälzerstraße 20
56235 Ransbach-Baumbach
DEUTSCHLAND

Tel.: +49 2623 8828-0
Fax: +49 2623 8828-92
E-Mail: kontakt@sibelco.de

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Amtsgericht Montabaur HRB 1581, Sitz der Gesellschaft 56235 Ransbach-Baumbach

Sibelco Deutschland GmbH
Sälzerstraße 20, 56235 Ransbach-Baumbach, Germany
Tel. +49 (0) 2623 83-0, Fax +49 (0) 2623 83-1499
Geschäftsführer Michael Klaas
www.sibelco.eu