

Characteristics

Terra Nigra 3520 is a stoneware body. Good characteristics in drying and firing resistance because of the special chamotte mixture; in particular for big items.

Available as plastic body.

Chamotte proportion: 35 %, chamotte size range: 0 - 2.0 mm (black chamotte)

Firing Colour	concrete grey - deep black
Recommended Firing Temperature Range	1000 - 1200 °C

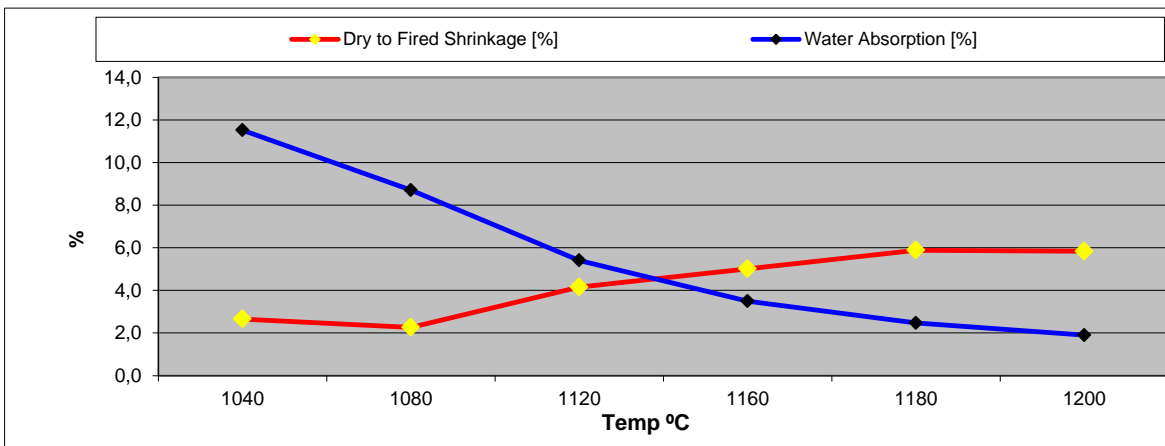
Technical Data

Unfired

Moisture	18,5% plastic							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	65,3%	1,10%	21,1%	7,60%	0,40%	0,30%	3,20%	1,10%
Loss of Ignition	4,0%							
Wet to Dry Shrinkage	4,8% plastic properties							

Fired

Specimen Firing Temperature [°C]	1200	
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]		
	20 - 400 °C	6,2
	20 - 500 °C	6,4
	20 - 600 °C	6,8
Dry to Fired Shrinkage [%]	5,5	
Water Absorption [%]	1,5	



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



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30.10.2014



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