



VITCAS® PREMIUM - FIRE CEMENT

TDS1-1

Vitcas Premium Fire Cement is a ready mixed putty-like material rated to 1250°C. For patching and repairing fire bricks, fireplaces, solid fuel ovens, range cookers, boilers and central heating systems.

Technical Data									
Consistency	Putty / Paste								
Colour	Off-white / beige								
Moisture Content	11 – 15%								
Density	2,100 kg/cum								
Thermal Conductivity	1.5 w/mK								
Maximum temperature	1250°C / 2280°F								
Composition	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">SiO₂</td> <td style="width: 20%;">79%</td> <td style="width: 30%;">Fe₂O₃</td> <td style="width: 20%;">0.3%</td> </tr> <tr> <td>Al₂O₃</td> <td>5%</td> <td>K₂O+Na₂O</td> <td>4%</td> </tr> </table>	SiO ₂	79%	Fe ₂ O ₃	0.3%	Al ₂ O ₃	5%	K ₂ O+Na ₂ O	4%
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Initial setting time	4 – 5 hours @ 20°C								
Curing time	12 hours above 100°C								

Application Instructions:

For maximum adhesion, remove all dirt, dust and rust, and make sure the area is thoroughly clean. For dry, porous surfaces it is best to wet the area first.

Premium Fire Cement should be used straight from tub. Apply with a trowel, knife or hand and work well into the area. Fine joints can be made. As soon as possible, gently heat dry the repaired surfaces, gradually raising the heat to full operating temperature over 3-4 hours. Apply further cement to any fine cracks which may appear.

Storage: Keep dry and store in a cool dry place away from children and pets. Shelf life is 12 months from the date of manufacture in unopened, original packaging, stored at temperatures between 0°C and 25°C in a dry place protected from freezing.