



Soft Plastic Black Fire Cements. Used to seal metal to metal joints in cast iron cooker assembly as well as in wood burning and multi-fuel stoves. Also used for repairs on ranges, solid fuels ovens and boilers where the colour is important and for visible joints between stoves and flue pipes.

Examples of Applications:

- Cast iron cooker and stove manufacturing
- Sealing of visible metal to metal joints
- Sealing of visible joints between flue pipes and stoves
- Installation or repair of ranges, fireplaces, ovens and boilers
- Assembly of cast iron stove, cookers and ranges

Technical Data	
Consistency	Putty / Paste
Colour	Black
Moisture Content	11 – 15%
Density	2,100 kg/cum
Thermal Conductivity	1.5 w/mK
Maximum temperature	1250°C / 2280°F
Composition	SiO ₂ 79% Fe ₂ O ₃ 0.3% Al ₂ O ₃ 5% K ₂ O+Na ₂ O 4%
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.

