



WT KNOWLES & SONS LIMITED



## Fire Cement Data Sheet

### Knowles Airset Fire Cement

This is a ready to use water based wet cement. The cement should be applied by trowel with a joint thickness between 1mm and 3mm (max). Being a water based product, a little extra water may be added if required. This product will cure and set hard overnight without the application of heat.

The chemical analysis of Knowles Fire Cement is:

Silica( $\text{SiO}_2$ )	37.5%	Ferric trioxide( $\text{Fe}_2\text{O}_3$ )	1.1%
Alumina( $\text{Al}_2\text{O}_3$ )	56.2%	Maximum grain size	0.5mm

The fire cement is supplied in 25kg poly tubs and one tub will joint approximately 100 firebricks 215 x 114 x 76mm for example.

Knowles Airset fire cement should be stored in cool, dry, frost-free conditions for up to 4 months

During transportation the cement may separate leaving a liquid layer on top; this liquid should be mixed back into the cement before use.



**Airset Fire  
Cement  
Code: KFC**

**Knowles Airset Fire Cement is not recommended for applying as a skimming render on the outside or inside surface of a firebrick construction such as an oven.**

### General

When lighting fires for the first time or following a long period of non-use, heat must be applied slowly.

Refer to the Material Safety Data sheet (MSDS) prior to working with Airset Fire Cement.

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