



INSULATING ACCESSORIES

KAOGRIP



Kaogrip is a high temperature, air setting cement for use as an adhesive for ceramic fibre products. It sets to form a strong, hard film that develops a ceramic bond at high temperatures, yet maintains excellent resistance to thermal shock.

Kaogrip is recommended as a high temperature adhesive to bond ceramic fibre products together, or to attach them to low porosity refractory and metallic surfaces. It can be used for jointing insulating boards of various types.

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
Continuous Use Limit (°C)	1000	Chemical Analysis % (after firing)	
Colour	Cream	Al ₂ O ₃	8 – 9
Density (kg/m ³)	1450 – 1600	SiO ₂	30 – 35
Coverage	2 m ² / pail	Na ₂ O	7 – 8

MATERIAL PACKAGING

KAOGrip is supplied in 4 litre plastic containers. The normal thickness of Kaogrip is 2mm. Coverage per pail is approximately 2m² depending on the surface condition. This product has a shelf life of approximately 3 months.

TYPICAL APPLICATION

Surfaces should be free from grease and dirt. Coating thickness on solid surfaces should be approximately 2mm, followed by drying at elevated temperatures up to a maximum of 90°C. In many cases it may be appropriate to bond intermittently at discrete locations, rather than fully cover the surfaces. At high temperatures, a hard, completely stable, ceramic film is formed.

Kaogrip is especially used for bonding fibre products such as board and blanket to metal surfaces or to each other.