

Ceramic Fibre Protection and Glue Products

Glue Super® 1260

Glue Super® is a high viscosity, air-setting product which has several inorganic compounds. It is used to glue ceramic/soluble fibre products to each other as well as mineral fibre, refractory and especially to metal surfaces.

Due to its incombustible character, the product does not emit any smoke during operation, distinguishes it from its competitors.

Main Properties

Product Description	Glue Super® 1260
Colour	Beige/Mustard
Required Time for Drying, hour	8
Chemical Composition, %	
SiO ₂	35
Al ₂ O ₃ + TiO ₂	14
Other Compounds and Binders	51
Required Amount for per m ² Approximately, kg	0,50
Maximum Operating Temperature, °C	1260



Kaowool® Rigidizer (Hardener)

Kaowool® Rigidizer is an inorganic and white liquid hardening agent which, when applied to ceramic/soluble fibre blanket, module, board or their derivatives, forms a hard film on the surfaces. It increases the resistance against mechanical abrasion and gas flow erosion.

Application Method

Kaowool® Rigidizer is generally applied on the surface by brushing, gunning or dipping after diluted 1/1 with water. It can be used in the applications up to 1260 °C, 1.25 litres of the undiluted product can cover 1 m². Drying procedure after the application is not very critical but 12 hours at 90 °C is fairly typical.

Applications

It is successfully applied on the surfaces of the ceramic/soluble fibre and refractory products around/near flame and gas flows are intensive or contact with molten nonferrous metals.

Kaowool® White Cement

Kaowool® White Cement is a white, air-setting product which has resistant up to 1400 °C, for use mainly as a refractory surface coating for protection purpose. Although it is used mostly on ceramic fibre substrates, it can also be used successfully on porous product surfaces such as insulating brick and concretes.

Kaowool® White Cement is a product that forms a very strong hard film layer on the surfaces in order to improve an excellent resistance to abrasion and thermal shock, thus providing an advantage over its alternatives.

Applications

For Surface Coating

It is applied on the refractory material exposed gas flow or molten metal contact and thus creates a very strong film on the surface. Hence, it considerably improves the abrasion and thermal resistance of the application area.

For Adhesion

Kaowool® White Cement is also used for adhesion of the ceramic/soluble fibre products operating at high temperatures (up to 1400°C) to each other or to other refractory surfaces.



The values given herein are typical average values obtained in accordance with standard test methods and subject to normal manufacturing variations. They are supplied as technical data and may change without notice. Contact our company to obtain detailed information.