



Fibre Hardener – Technical Data and Instructions

Fibre Hardener is used as a hardener/rigidiser for refractory fibre products. It does not act as a glue. Rigidised products gain surface strength after firing.

Instructions for use

Soak blanket or board with colloidal silica until saturated. The liquid may be thinned with water for easier application if desired.

Compress to remove excess material if forming over a mould.

Kiln cure the soaked product at approximately 93 degrees centigrade until completely dry.

The dried product may be sanded to smooth. Reapply more hardener if desired and re-fire.

A final firing is necessary to create a hard shell, 705 degrees centigrade is recommended. Firing time depends on kiln, size of product etc.

Coat the board/blanket with shelf primer (primo primer is recommended). It needs no scraping after use. Remove spent primer with a vacuum or damp sponge.

CAUTION: repeat or prolonged breathing of dried silica should be avoided. Wear safety glasses and a NOISH approved dust mask.