



## DESCRIPTION

Rigidizer is a specially prepared water based colloidal solution used to rigidize / harden the surface of blankets, modules and boards to improve erosion resistance to gas velocity. It can be applied by spraying on the surface of the ceramic fibre products.

Recommended use temperature for all rigidized blankets and modules are 100°C less than the normal use temperature.

## GENERAL CHARACTERISTICS

Rigidizer has the following outstanding characteristics :

- High temperature stability
- Hot gas erosion resistance
- Protect fibre lining from corrosion and abrasion
- Easy to apply

## TYPICAL APPLICATIONS

- Surface coating for CF lining
- Structural hardening agent for boards

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

*greener  
cleaner  
safer*  
specialty fibers for  
a greener, cleaner, safer world

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## TYPICAL PRODUCT PARAMETERS

	<i>Rigidizer</i>	<i>Rigidizer W</i>
<b>Physical Properties</b>		
<i>Use Limit (°C)</i>	1100	1100
<i>Colour</i>	<i>Off-White</i>	<i>Blue</i>
<i>Specific Gravity</i>	1.1 - 1.2	1.16 - 1.21
<i>pH</i>	9.3 - 9.7	9.5 - 9.9
<i>Coverage (kg/m<sup>2</sup>)</i>	1.5	2
<i>Application Method</i>	<i>Brush or Spray</i>	<i>Brush or Spray</i>
<i>Shelf life</i>	1 year	1 year

*(If kept unopened in cool dry condition)*

- Rigidizer should be protected from frost.
- Store away from direct sun.

## AVAILABILITY

Rigidizers is available as standard packaging in 20kg carbouys.

## PREPARATION AND USE

Rigidizers are supplied ready to use. They can be sprayed or brushed onto blankets, papers, felts and boards to give an erosion resistant surface.

## HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

*Supplied by:*

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