

FIXWOOL® RIGIDIZER D15 & D20

Description

Fixwool® Rigidizer is specially developed hardening solutions that is used to protect exposed fibre surfaces against gas velocity or turbulence and also can be used to provide a higher degree of strength and hardness throughout fibrous products.

General characteristics

Fixwool® Rigidizer has the following outstanding characteristics and advantages:

- High temperature stability
- Very good homogeneity
- Excellent thickness uniformity
- Easy to apply
- Good shelf life

Typical applications

- Protect fibre linings against corrosion and abrasion
- Insulation and protection for metallic surfaces
- Hot gas erosion resistant coating in furnaces and ducts
- 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.

Shelf Life & Storage

Rigidizer can be stored for up to 12 months. All based on unopened containers kept in cool dry storage conditions. Storage between 5 and 20°C is recommended. Excessive heat or cold will adversely affect shelf life.

Typical product parameters

	D15	D20
Typical Chemical Analysis (dry wt. %)		
SiO ₂	-	-
Al ₂ O ₃	-	-
Na ₂ O + K ₂ O	-	-
Fe ₂ O ₃ + TiO ₂	-	-
CaO + MgO	-	-
Physical Properties		
Colour	Blue	Dark Blue
Use Limit (°C)*	1100	1100
Shelf life (months)	12	12
Application		
Supplied	Ready to use	Ready to use
Consumption (kg/m ²)	-	-
Consumption (litres/m ²)	0,5 – 1,0	0,5-1,0
Application method	Brush or Spray	Brush or Spray

*The maximum continuous use limit temperature for these products depends upon operating and application conditions. For certain applications operational temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Insulcon office.

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Preparation and use of coatings

Fixwool Rigidizer is supplied ready to use. They can be sprayed or brushed onto blankets, papers, felts and boards to give an erosion resistant surface. **Rigidizers** can also be applied using a dipping process, which provides a higher degree of strength and hardness throughout the substrates thickness. **Fixwool Rigidizer D20** contains a frost protection component.

Availability

Packaging	Rigidizer D15 & D20
5 litre	✓

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.