

SKAMOLEX glue

for mounting of porous structural parts

Key benefit summary

- Inorganic and waterborne
- Non-cementitious
- Excellent adhesion to mineral substrates
- Tolerant to temperatures up to 1000°C
- Storage stability

PRODUCT INFORMATION

Description

SKAMOLEX glue is a product binding inorganic and organic material based on a technology patented by EKA Chemicals. The active compounds are inorganic, highly reactive and waterborne, based on combinations of silicates and colloidal silica.

SKAMOLEX glue was developed to suit the needs for high temperature tolerance, excellent adhesion characteristics and to meet specifications of structural high strength adhesives.

Usage and applications

SKAMOLEX glue is used for mounting of Skamol boards and flue gas pipes or similar porous parts. The resulting joints are capable of supporting temperatures up to 1000°C.

Material consumption

In normal conditions the material consumption for mounting a 300 mm diameter pipe is approximately 600 g/m² of pipe surface.

TECHNICAL INFORMATION

Description

SKAMOLEX glue comprises a formulated mixture of pre-polymerized silicates and colloidal silica.

Typical characteristics

Density (g/cm ³ , 20°C)	1.50
pH	11.0
Viscosity (mPas)	12000
Solid content (wt%)	78
Appearance	glue

Storage and handling

SKAMOLEX glue is frost sensitive and should be stored at +5 to +30°C. For storage purposes dark, closed tanks made from resistant materials such as stainless or coated steel or plastic should be used. Aluminium, copper or regular steel tanks should be avoided. Stored accordingly product stability and quality is guaranteed for 12 months.

Packaging

- Cartridge (310 ml), tube (600 ml)
- 20 liter plastic pails

Health, safety and environment

Before handling this material, read the corresponding Material Safety Data Sheet and environmental information.

Technical service

Please contact EKA Chemicals AB Technical Services Department, tel. +46 31 58 70 00.

Warranty

AKZO NOBEL B.V. and EKA Chemicals AB warrant all goods to be free from defects and will replace materials proven to be defective.

