

SILINJECT 2C THIX AB is a two component, fire resistant, solvent-free, urea-silicate injection resin for high strength bonding of anchors.

APPLICATIONS

SILINJECT 2C THIX AB is a two component, silica modify PUR flexible injection resin solvent-free, specifically designed when prefilling the hole before inserting the bar.

- for bonding injection bolts
- for grouting steel
- for bonding GRP bolts
- well suited for sealing against flowing water
- rapid stabilization of coal, concrete and ground

APPLICATION PRESCRIPTIONS

Components A and B are delivered ready-to-use. They are injected in the proportion of 1:1 by volume using a two component high pressure injection pump equipped with a static in-line mixer.

The temperature of the PU-resin, the rock and the ground water will have a significant influence on the curing reaction time. Please store both components prior to application in at least 15°C.

To achieve the best mixing of the components during injection, the inclusion of a static in-line mixer in connection with the mixing head is essential. The length of the static mixer should be minimum 50 cm long for correct mixing.

TECHNICAL DATA

SILINJECT 2C THIX AB	Component A	Component B
Colour	Clear, colourless	Dark brown
Density at 20°C	1.35-1.62 g/cm ³	1.17 ÷ 1.38 g/cm ³
Flash point	> 200°C	> 200°C
Viscosity at 25°C	350 ± 150 mPa*s	350 ± 150 mPa*s
Reaction data: A:B is 1:1 by volume		
Foam factor	1.0	

PACKAGING

Standard packaging:

- Sets of 53 kg
Component A: 30 kg
Component B: 23 kg

STORAGE

If stored in dry conditions, in unopened, tightly closed original containers and within a temperature range of +5°C and +35°C, the components of SILINJECT 2C THIX AB have a shelf life of 12 months. The manufacturer shall authorize short-term storage in temperatures at 0°C - 60°C.

SAFETY AND HEALTH PRECAUTIONS

Please refer to the safety recommendations in the safety data sheet.