

# Silex 330 foam

## FEATURES

- Excellent adhesion on stone
- Chemical stability
- Fire resistance

## COMPOSITION

- Part A: silicate Silex 330 foam A
- Part B: isocyanate Silex 330 foam B



Silex 330 Foam is a two-components, organic-mineral foaming resin characterized by irreversible reaction, fast curing, fire resistance, excellent chemical stability e mechanical properties. Due to the predominant inorganic matrix, the expansion of the product is not affected by the presence of water or extreme climatic conditions.

## APPLICATIONS

- Designed for filling cavities, waterproofing and stabilizing rocks and soil in the presence of water infiltrations.

## TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact your local sales representative prior to writing specifications on this product.

Property	Unit	Value
Color (Part A / Part B)	visual	Yellowish / Brown
Density at 23°C (Part A / Part B)	g/cm <sup>3</sup>	1,264 / 1,222
Viscosity at 23°C (Part A / Part B)	mPa.s	10 – 50 / 200 - 350
Mixing ratio	pbw	100 : 100
Mixing ratio	pbv	100 : 100
Mixing time @ 2800 rpm	seconds	8
Start reaction	seconds	10
End of rise	seconds	40
Free rise density	kg/m <sup>3</sup>	53
Fire resistance		B2
Service temperature	°C	-40 / +100

## SETTINGS

A and B components must be stirred well before use. Recommended application temperature: +15°C / +30°C. At low temperature the viscosity of component A may significantly increase.

## APPLICATION

By injection 1 to 1 in volume, using an injection pump equipped with a static in-line mixer. The curing time significantly depends on the resin temperature. For applications below than 10°C product and pump must be kept in a heated room and

conditioned over 15°C. For injections at temperature close to 0°C provide for the use of pumps and pipes with heating mantle. Avoid direct heating (as flames).

## HANDLING PRECAUTIONS

The information for a correct and safe handling of the products are contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks for health and environment and for suitable protective devices to be adopted. Share the safety data sheets with all the staff involved in the use of the products.

## PACKAGING

Both components are supplied in 23 kg containers.

## USABLE LIFE - STORAGE

Store both components A and B in the original pack, sealed, in a cool and dry place, at temperature between +10°C and +35°C. Part A: protect from frost. Part B: protect from moisture. In winter transport with insulated containers is suggested. If transported at low temperature the product must be conditioned at least 12 hours at room temperature before use. Keep the original containers tightly closed. This material has 6 months shelf life.

## LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

## LIMITED WARRANTY

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