

PU 8402 Foam

FEATURES

- It foams in contact with water
- Waterproof when cured
- Adjustable expansion time

COMPOSITION

- PU8402 Foam: Isocyanate
- ACC-8402: amine accelerator



One-component polyurethane injection resin which reacts in contact with water forming a closed-cells, waterproofing, chemically stable foam. The expansion time is strictly related to the quantity of mixed catalyst, the quantity of water and application temperature.

APPLICATIONS

- Designed for sealing joints and cracks, consolidation and waterproofing of concrete structures, lands and rocks saturated with water.

TYPICAL PROPERTIES

This data does not constitute the Product Sales Specifications. The values indicated refer to typical properties and are not to be understood as extreme minimum or maximum values. They do not constitute a guarantee of product conformity and do not relieve the buyer from the need to test the suitability of the products before use or placing them in his production cycle. Please contact your local sales representative to obtain the product specifications.

Property	Unit	Value
Color (PU8402 foam / ACC-8402)	Visual	Brown / Dark yellow
Density (PU8402 foam / ACC-8402)	g/cm ³	1.165 / 1.246
Viscosity (PU8402 foam / ACC-8404)	mPa.s	16 / 10
Service temperature	°C	-30°C +80°C
Application temperature	°C	+3°C +50°C
Reactivity for a mixture: PU8402+ACC-8402+ H ₂ O = 100 : 5 : 10		
Cream time	secs	<10
End of rise	secs	20 – 30
Expansion	v/v	15 - 25

SETTING

PU-8402 Foam and ACC-8402 must be stirred well before use. Mix the components following the instructions and required reaction times. the mixture of the two components can be used for over 8 hours from preparation.

USE

Injection by piston or membrane pump for one-component products. The mixture PU8402 Foam and ACC-8402 (100+5 pbw) without water, remains liquid for about 8 hours. The formation of a thin, hard crust does not affects the workability.

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products is contained in

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

USABLE LIFE - STORAGE

Store both components in the original pack, in a cool and dry place, at temperature between +5°C and +30°C. In winter transport with insulated containers is suggested. PU8402 Foam: protect from moisture (contains isocyanates). Keep the original containers tightly closed. In temperate conditions and in properly sealed containers, the shelf life of both components is 6 months.

PACKAGING

PU8402 Foam is supplied in 25 liters drums and 1000 liters IBCs; ACC-8402 in 1 liter bottle. For other packaging please contact our sales department.

LIMITATIONS

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

LIMITED WARRANTY

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the values indicated in the Product Sales

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