



# PU-8401

## Description Polyurethane rigid foam system

*PU 8401 is a two-component, water and methyl formate blowing polyurethane system designed for heat insulation of water heaters.*

## Mixing ratio (parts by weight):

**PU8401A : PU8401B**  
**100 : 130**

## Physical properties

Property	UM	PU 8401A	PU 8401B	Mixture
		Polyol	Isocyanate	Polyurethane
<b>Aspect</b>	visual	Liquid	Liquid	Liquid
<b>Color</b>	visual	yellow	brown	beige
<b>Density</b>	g/ml	1.09	1.23	
<b>Viscosity</b>	mPas	580	210	
<b>Cream time</b>	min/sec			00' : 30"
<b>Gel time</b>	min/sec			03' : 40"
<b>End of expansion</b>	min/sec			03' : 30"
<b>Teck free</b>	min/sec			05' : 00"
<b>Free rise density</b>	g/l			33

Data expressed at 23°C.

## Resin setting

Mix Part A (polyol) prior sampling. For an optimal result ensure that the two components are at least at 20-25°C before mixing. Elevated temperatures increase the rate of reaction, reducing the working time.

## Mixing

The product requires a mechanical mixing system.

**Storage**

Store both components in the original pack, sealed, at a temperature of 15-35°C. The part B can crystallize partially or completely at low temperatures. The two components are sensitive to moisture (like all polyurethane resins). Keep the original packaging tightly sealed when the products are not in use. This material has a shelf life of 12 months.

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**Packaging**

PU 8401 A	200 kg
PU 8401 B	250 kg

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**Additional informations**

These data do not replace the product specifications. The values given are for typical properties of the product and are not to be understood as the extreme values of minimum or maximum. Our technical suggestions are given in good faith but without warranty, this also applies when they are involved proprietary rights of third parties. This does not relieve the buyer from the need to test the products supplied, as well as from their use. Before using the appliance to be able to view the MSDS.

**Chemix Srl**

Via Berlinguer 8  
Golasecca  
Varese  
21010, Italy

Registered in Italy VA 278679  
C.F. - Partita IVA 13479390158  
Phone: +39 (0) 331 959373  
Fax: +39 (0) 331 958410  
E-mail: [info@chemix.it](mailto:info@chemix.it)  
Website: [www.chemix.it](http://www.chemix.it)