

# AltroFoam RF 450

Preliminary Data Sheet

Density 450 kg/m<sup>3</sup>

# altropol

## Main features

- integral foam
- processible by hand and machine
- usable in unheated moulds
- low density

## Applications

- component parts for industrial applications
- backfillings

## Properties in the non-crosslinked state at 20 °C (approx. values)

		AltroFoam RF 450 Comp. A	AltroFoam RF 450 Comp. B
Colour		transparent	brown
Mixing ratio	p.b.w.	100	100
Mixing ratio	p.b.v.	100	102
Density	g/cm <sup>3</sup>	1.05	1.24
Viscosity	mPa·s	800	200

## Properties of the mixture at 20 °C (approx. values)

Mixed viscosity (25 °C)	mPa·s	500
Start time	seconds	70
Setting/ thread tension time	minutes	not determined
Rise time	minutes	0.5
Tack-free	minutes	2.5
Density (free-rise foamed)	kg/m <sup>3</sup>	450
Expansion behaviour	fold	2.2

## How to process the material

Stir up AltroFoam RF 450 Comp. A intensively prior to processing.

In case of manual processing, pour at first component A into the mixing vessel. After having added component B, mix the compound thoroughly and proceed to casting immediately.

The most suitable device for mixing is a high-speed stirrer with approx. 1000 rpm.

Material and processing temperature should be at least 20 °C.

The products are highly sensitive to humidity.

Close receptacles tightly after every use.

Heat up moulds for rigid integral parts to 45 - 50 °C prior to injection.

For free-rise foamed applications, preheating is not necessary.

**Form of delivery**

AltroFoam RF 450 Comp. A	1 kg	25 kg	200 kg
AltroFoam RF 450 Comp. B	1 kg	25 kg	200 kg

**Storage**

We recommend keeping the material in tightly closed original receptacles at temperatures of 20 - 25 °C. When duly stored, the material can be used within the shelf life indicated on the labels (the first 2 digits of the batch number indicate the week, the 3rd digit indicates the year).

**Measure of precaution**

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.

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