

Basis	casting foam
Resin	PU 61 FR Comp. A
Hardener	PU 61 FR Comp. B
Colour	grey

Applications

- Insulation
- Lightweight panels
- Multi-layer constructions

Properties

- B1 application possible
- well workable
- minimum flue gas emissions
- good mechanics
- self-extinguishing

Processing data

Product		Mixture PU 61 FR / Comp. A+B	Resin PU 61 FR Comp. A	Hardener PU 61 FR Comp. B
Colour		grey	grey	brown transparent
Mixing ratio	p. b. w.		100	75
	volume		100	83
Viscosity at 25°C	mPas	not measured	2900 - 3300	100 - 140
Density at 20°C	g / cm ³	not measured	1,35 - 1,45	1,22 - 1,24

Physical data

Properties	Inspect. requirem.	Unit	Value
Density (allowed to foam)	g/dm ³	10	45 - 60
Compressive strength (10 % compression)	MPa	112	0,18 - 0,22
Heat resistance (HDT) (modified test specimen)	DIN EN ISO 75 B	°C	approx. 90

Sales units (packages)

Units	Comp. A	PU 61 FR Comp. A	1,000 kg
	Comp. B	PU 61 FR Comp. B	0,750 kg

Processing instructions

The material and processing temperature should be between 18 and 25 °C.
The containers must be resealed after use.

Component A contains fillers that tend to settle.
Component A must be stirred well before use.
Foam formation during stirring must be avoided.
Excessive stirring ("dispersing") can irreversibly damage the material.

Machine containers must be equipped with agitators that prevent the fillers they contain from settling.
Settling in pipes must be prevented by suitable recirculation.

The system can be poured by hand or by machine.
The mixing ratio of resin and hardener must be observed as specified.

Typical reaction data

Start time (start of expansion): approx. 20 sec.
Setting time: approx. 2 - 3 min
Adhesion release time: approx. 4 min
Rise time incl. press-on time (expansion time): approx. 3 - 5 min.

The foaming moulds must be preheated (55 - 65 °C).
Demoulding from the moulds is possible after approx. 30 minutes.

Optimum material properties are achieved by subsequent heat treatment of the moulded parts.

Material residues on stirring rods etc. can be easily cleaned with our colourless ebaclean cleaning agent.

In General

The product is an polyurethane system.

Storing

Storage at room temperature 18-25 °C.

Opened containers should be closed immediately after use and should be used up as soon as possible.

Shelf life is indicated on the labels.

Safety measure

Please follow the precaution instructions of the Government Safety Organisation of the chemical industry when working with this material. Please follow safety advices !

Waste Disposal

According to arrangement with local authorities cured material can be disposed as domestic or commercial waste.
Non-cured products are waste which is subject to inspection and has to be disposed accordingly.
In case of further questions please do not hesitate to contact our Department for Product Safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.