

## fischer 1K Rapid Installation Foam PU 1/500 B2

Properties	Value	Unit	Method / Remarks
Chemical Basis	1K Polyurethane		
Colour	yellow		
Content	500	ml	
Tack Free Time	approx. 20	min	
Cutting Time	approx. 40	min	+ 20 °C/ 50 % RLH
Fire Rating	B2		DIN 4102-1
Foam Yield (feely foamed)	up to 29	l	
Density (cured foam)	25 to 35	kg/m <sup>3</sup>	
Compressive Strain at 10 % Stress	5	N/cm <sup>2</sup>	DIN 53421
Sag	non-sag		
Shelf Life	12	months	from + 18 to + 20 °C
Application Temperature	+ 5 to + 35	°C	
Ideal Application Temperature	+ 20	°C	
Temperature Resistance	- 40 to + 90	°C	fully cured
Thermal Conductivity ( $\lambda$ )	0,035	W/(m*K)	DIN 52612
Evaluated Sound Insulation	56	dB	
Well Foam	applicable		see test report
Propellant	HFC-free		
Curing System	chemical by reaction with moisture		

### Application Details

This foam adheres to all common building materials except from surfaces such as polyethylene, polypropylene, silicone, Teflon, oil, grease and similar substrates. The cured foam is semi rigid, elastic, damp proof and resistant to rotting and ageing (protect from UV light).

Surfaces must be firm, clean, free of dust and grease. Before application moisture surfaces with water sufficiently. When layer thickness is higher than 50 mm then apply in several layers moisturizing each layer.

Chilled cans must be carefully warmed in luke-warm water before use. Don't heat up the can above 50 °C – Danger of bursting! Cans, which are too hot, must be cooled down in water. When the can is occasionally shaken, temperature change is faster.

If not stated otherwise, the data applies to standard conditions of 23°C at 50% r. h. and non-aged foam. To test yield and reactivity, at least 85% r. h. is required (humidify well before testing!). In case of aged foam, the yield is up to 30% lower. Tack free time and cutting time reduces as well. **Shake can well before use.**

For further safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

The information in this adhesives brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.

