fischer 1K Premium Gun Foam PUP G 500 B2

Properties	Value	Unit	Method / Remarks
Chemical Basis	1K Polyurethane		
Colour	grey		
Content	500	ml	
Tack Free Time	approx. 8	min	+ 20 °C/ 50 % RLH
Cutting Time	approx. 20	min	+ 20 °C/ 50 % RLH
Building Material Class	B2		DIN 4102-1
Foam Yield (feely foamed)	up to 43	l	
Density (cured foam)	11 - 16	Kg/m^3	
Compressive Strain at 10 % Stress	3,8	N/cm^2	DIN 53421
Sag	non-sag		
Shelf Life	15	months	from + 18 to + 22 °C
Application Temperature	- 5 to + 35	°C	Can Temperature +5 °C to +20 °C
Ideal Application Temperature	+ 20	°C	
Thermal Resistance	- 40 to + 90	°C	cured foam
Thermal Conductivity (λ)	0,035	W/(m*K)	DIN 52612
Evaluated Sound Insulation	up to 61	dB	ift. Richtlinie SC-01/2002
Air Permeability	a < 0,1	m^3/[h*m (daPa) 2/3]	EN 12114:2000-03
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 to 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 Safety Data Sheet (SDS).