PU Pro 500 B3

Properties	Value	Unit	Method / Remarks
Chemical Basis	1K Polyurethane		
Colour	yellow		
Content	500	ml	
Tack Free Time	8 - 12	min	EN 17333-3
Cutting Time	30 - 50	min	+ 20 °C/ 50 RLH
Fire Rating	B3		DIN 4102-1
Foam Yield (feely foamed)	up to 22	l	EN 17333-1
Density (cured foam)	20 - 30	kg/m^3	
Joint sound insulation	62	dB	
Sag	non-sag		
Shelf Life:	18	months	+ 20 °C
Application Temperature	+ 5 to + 35	°C	
Ideal Application Temperature	+ 20	°C	
Temperature Resistance	- 40 to + 90	°C	fully cured
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 information on handling, please refer to the safety data sheet; this contains important information.
The application instructions in this technical data sheet and our technical advice on application, whether spoken or written, are given to the best of our knowledge but do not constitute either a warranty as to the nature or usability of the products or an independent or dependent promise or warranty declaration of any kind. We recommend to always check the suitability of our products for the intended use. Due to the wide variety of possible applications for each individual product and the unpredictable conditions at the place of processing, we recommend testing the function on the substrates before use.