



WHITECHEM SPR 130

1-GENERAL DESCRIPTION AND APPLICATIONS

It is a polyol blend designed for insulation of ceilings, walls and floors by spraying technology. Whitechem SPR 130 react with P-MDI (polymeric MDI) to give a foam at medium applied density meeting class B1 according to DIN4102 standard. The applied foam density is medium but it can vary according to the numbers of layers and their thickness, atmospheric conditions and type of application (vertical or horizontal). To get a good foam adhesion the surface to be dry, not at too low temperature, cleaned from oil and dust etc.(TS-EN 13501-1 E Class) . This product does not include HCFC and any ozone corrosive polyol. It includes 365 mfc (HFC). This system is CO2 blown.

2-CHEMICAL- PHYSICAL CHARACTERISTICS

Parameter	Value	Unit of measure	Method
Appearance*	Viscous liquid		MA 001 LCP
Colour*	Yellow-brown		Visual
Viscosity at 25 °C*	250	mPa.s	MA 041 LCP
Specific gravity at 20°C	1.115	g/mL	MA 181 LI

* Parameters under control

3-MIXING RATIO

Whitechem SPR 130 at 20-25 °C	100 pbv
P-MDI at 20-25 °C	100 pbv



4-FOAM PROPERTIES

Parameter					Method
Dimensional stability	Length	Height	Thickness	Density kg/m ³	UNI 8069
% var. after 48 hrs at -25 °C	-0.15	-0.18	+ 0.25	50.8	
% var. after 48 hrs at +70 °C 90% U.R.	-0,04	-0.12	+0.38	51.0	
Compressive strength 10% parallel to rise	315 kPa				UNI 6350-1968
Closed cells correct value	93 %				
Flame resistance	B1 (E)				DIN 4102
Thermal conductivity 10 °C	23.5 mW/mK				ASTM C 518

Cup test at 20 °C

Parameter	Value	Unit of measure
Cream time	2-3	Sec.
Gel time	6-8	Sec.
Free rise density	34-36	kg/m ³

5-STORAGE

In sealed drums at room temperature for 6 months.

6-LEGAL NOTE

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchantability and fitness for a particular purpose.