



WHITECHEM SPR 220

1-GENERAL DESCRIPTION AND APPLICATIONS

It is a polyol blend designed for insulation between two walls by injection technology. Whitechem SPR 220 react with P-MDI (polymeric MDI) to give a foam class B2 according to DIN4102 standard. To get a good foam adhesion the surface to be dry, not at too low temperature, cleaned from oil and dust etc. This product does not include HCFC and any ozone corrosive polyol. It includes water as blowing agent.

2-CHEMICAL- PHYSICAL CHARACTERISTICS

| Parameters | Value | | Unit of measure | Method |
|--------------------------|-----------|-----------|-----------------|------------|
| | SPR 220 | P-MDI | | |
| Appearance* | liquid | liquid | | MA 001 LCP |
| Colour* | Yellow | Brown | | Visual |
| Viscosity at 25 °C* | 250-400 | 150-250 | mPa.s | MA 041 LCP |
| Specific gravity at 20°C | 1,02-1,05 | 1,10-1,12 | g/mL | MA 181 LI |

* Parameters under control

3-MIXING RATIO

| | Weight ratio | Volumetric ratio |
|-------------------------------|--------------|------------------|
| Whitechem SPR 220 at 20-25 °C | 100 | 100 |
| P-MDI at 20-25 °C | 109 | 100 |

4-FOAM PROPERTIES

| Parameters | Value | Unit of measure |
|-------------------|-------|-----------------|
| Cream time | 13-15 | Sec. |
| Gel time | 35-40 | Sec. |
| Free rise density | 19-21 | kg/m3 |

5-SHELF LIFE AND STORAGE

| | Unit | SPR 220 | P-MDI |
|---------------------|-------|---------|-------|
| Storage Temperature | C | 15-25 | 15-25 |
| Shelf Life | month | 6 | 12 |



5-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.