

# WHITECHEM SPR 215

## 1-GENERAL DESCRIPTION AND APPLICATIONS

**WHITECHEM SPR 215** is designed as sound insulation polyurethane systems. The product is more preferable compared to other materials because of spray application of the system. It is an open cell foam with acoustic absorption properties. It is an excellent polyurethane product for high sound level problem areas like; cinemas, discos, bars, and conference rooms. The product is conforms the Euro class E according to EN 13501-1 classification standard. Application thickness should be minimum 8-10 cm. Reaction profiles suitable for over the floor, on wall and under the ceiling

## 2-CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit	Polyol Blend	Isocyanate	Test Method
<b>NCO Content</b>	%		30-31	ASTM D 5155
<b>Viscosity (25 °C)</b>	mPa.s	350-450	220-250	ASTM D 4878
<b>Specific Gravity (20°C)</b>	g/ml	1,12	1,23	ASTM D 891

## 3-TEST VALUES

	Weight Ratio	Volumetric ratio
<i>Polyol blend</i>	100	100
<i>Isocyanate</i>	110	100

	Unit of Meas.	Value
<b>Cream time</b>	sec.	3-4
<b>Gel Time</b>	sec.	6-8
<b>Tack Free Time</b>	sec.	8-10
<b>Density</b>	kg/m <sup>3</sup>	14-16

- Polyurethane components are moisture sensitive. Therefore they must be stored at all times in sealed, closed containers.
- Polyol blend must be mixed before use.

#### 4-STORAGE

	Unit	Polyol Blend	Isocyanate
<b>Storage Temperature</b>	°C	15-25	15-25
<b>Shelf Life</b>	Months	6	6

\*Stored in original sealed drums in a dry place at recommended temperatures

#### 5- PACKAGING

Polyol blend: 220 Kg  
Polymeric MDI: 250 Kg

#### 6- CONSUMPTION

Application Thickness	Consumption (kg)
5 cm	1,50 – 2,00
10 cm	2,80 – 3,30
15 cm	4,00 – 4,50

#### 7- 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.