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AKFIX WID 280

1-GENERAL DESCRIPTION AND APPLICATIONS

AKFIX WID 280 is designed for the production wood imitations and furniture applications. It has high mechanical strength and hardness, simple molding process, high production efficiency and excellent appearance. This system is water based. The product is conforms the Euro class E according to EN 13501-1 classification standard.

2-CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit of Measurement	***Polyol***	***Isocyanate***	***Method***
Appearance*	*visual*	*visual*	*visual*	-
Colour*	-	*brown*	*dark brown*	-
Viscosity at 25 °C*	*mPa·s*	*750±150*	*150 - 260*	*TS 5833-EN ISO 3219*
Specific gravity at 25°C	*g/mL*	*1,12±0,01*	*1,24±0,01*	*TS EN ISO 2811-1*

* Parameters under control

3-TEST VALUES

	Unit of Measurement	**Value**
Mixing Ratio	g.	100 : 100
Cream time	sec.	30-35
Gel Time	sec.	120-140
Tack Free Time	sec.	170-190
Free Rise Density	kg/m³	80-90

Note: Measured under laboratory hand mix conditions.

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

	Unit of Measurement	Value
Polyol Temperature	°C	20-22
Isocyanate Temperature	°C	20-22
Mold Temperature	°C	35-45

4-STORAGE

	Unit	Polyol Blend	Isocyanate
Storage Temperature	°C	15-25	15-25
Shelf Life	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-SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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.