

SLR 240

Solar Energy and Boiler

1 - Description

AKFIX SLR 240 is a polyol mixture that contains catalyst, blowing agent and additives. It is used for solar water heater and boiler insulation. Because of its excellent bonding strength, it can adhere to metal with no adhesive.

2 - Product Information

Packacking	470 kg set (250kg PMDI) + (220kg Polyol Blend)
Shelf Life	6 months
Storage Conditions	Store in cool and dry conditions between +15°C and +25°C

3 - Technical Data

	Method / Conditions	Polyol Blend	Polymeric MDI
Appearance	--	Liquid	Liquid
Color	--	Amber	Brown
Density	TS EN ISO 2811-1 / 25°C	1,17 ± 0,01 gr/ml	1,24 ± 0,01 gr/ml
Viscosity	TS 5833-EN ISO 3219 / 25°C	450 ± 150 mPa.s	150-260 mPa.s

Reaction Parameters	Unit	Value
Mixing Ratio	grams	100/110
Cream Time	sec.	20-25
Gel Time	sec.	80-100
Tack Free Time	sec.	110-130
Free Rise Density	kg/m ³	40-42

*Measured under laboratory hand mix conditions.

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

4 - Remarks & Restrictions

- 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.

5 - Safety

Contains Diphenylmethane-4,4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50°C. Do not pierce or burn, even after use. Keep away from sources of ignition, no smoking. Keep out of the reach of children.

6 - Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.