

# SLR 235

## Solar Energy and Boiler

### 1 - Description

AKFIX SLR 235 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
Physical Appearance	--	Liquid	Liquid
Color	--	Amber	Brown
Density	TS EN ISO 2811-1 / 25°C	1,13 ± 0,02 gr/ml	1,24 ± 0,01 gr/ml
Viscosity	TS 5833-EN ISO 3219 / 25°C	600 ± 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 <sup>3</sup>	35-37

\*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

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