

Pouring System 7136-L

Isocyanate H25C

DESCRIPTION

Pouring System 7136L is a Polyurethane Rigid Foam system, CFCs and HCFCs free (containing HFCs) and suitable for insulation by pouring

COMPONENTS

COMPONENT A: **Polyol 7136-L**
 Mixture of polyols, containing catalysts and blowing agents

COMPONENT B: **Isocyanate H25C**
 PMDI (polymeric diphenyl methane diisocyanate)

USES

This system is highly indicated for insulation and filling of all type of cavities as tanks, containers, panels, cold rooms, etc, with a moulded density of 35 to 40 Kg/m³.

CONDITIONS OF USES

This system can be processed on both high (100-150 bar) or low pressure equipment.

The recommended temperature of components is 20 - 22 °C.

The appropriate temperature of moulds is 40 – 50 °C in order to avoid a higher density and not to decrease the adhesion of the foam on the substrate.

The polyol is loaded into the drum of the low or high pressure machine and must be kept under a pressure – Nitrogen is recommended – of 0.5-1 and 2 **bar** respectively.

COMPONENTS CHARACTERISTICS

Characteristics	Units	H25C	7136L
Specific weight 25°C	g/cm ³	1.23	1.12
Viscosity 25° C	mPa.s	230	650
Ignition temp..	°C	>200	>170
NCO content	%	31	-

Pouring System 7136-L

Isocyanate H25C

SYSTEM SPECIFICATIONS

Measurement carried out in a test recipient at 22°C and at the mix ratio indicated within the company's standard method (MAN - S02).

Mix Ratio	A / B :	100 / 115 ± 5	per weight
		100 / 100	per volume

Characteristics	Units	7136-L
Cream time	s	28 ± 2
Gel time	s	220 ± 10
Track free time		430 ± 20
Free density	g / l	28 ± 1

FOAM SPECIFICATIONS

Characteristics		Units	7136-L
Applied density	UNE-EN 1602	Kg/m ³	35-45
Compressive strength, 10% deformation	UNE-EN 826	KPa	150 – 200
Dimensional stability (24hours)	-30°C +80°C	% Vol.	<0.5 <1
Closed cells % ISO 4590		%	>90
Thermal conductivity coefficient 20°C,	UNE-EN 12667	W/m°C	0.025

Pouring System
7136-L**Isocyanate**
H25C**STORAGE RECOMEMNDATIONS**

Components A and B are sensitive to moisture, and should be stored in sealed drums or tanks. Storage temperature must be kept between +15 and +25 °C.

Avoid lower temperatures that may build up crystallizations in the isocyanate, as well as higher temperatures that may alter the polyol and produce swelling of the drum.

Properly stored, the shelf life is 6 months for the Component A (polyol) and 9 months for the Component B (isocyanate).

SAFETY RECOMMENDATIONS

Appropriately handled, the system does not present significant risks. Avoid contact with eyes and skin. The instruction given in the Safety Data Sheet must be followed during manufacturing and handling of the system.

SUPPLY

Normally, the product is supplied in non-returnable steel drums of 220 litres (blue for the Component A and black for the Component B).