

Pouring System
9762-Z
Isocianato
H-25C
DESCRIPTION

9762-Z is a polyurethane rigid foam system, CFCs, HCFC and HFCs free (containing HFO), suitable for insulation by pouring.

COMPONENTS

COMPONENT A: Polioli 9762-Z
Mixture of polyols, containing catalysts, flame retardants and blowing agents.

COMPONENT B: Isocianato H-25C
MDI polymeric (diphenyl methane diisocyanate)

USES

This system is highly suitable for the production of rigid foams with applied density of 40 – 50 Kg/m³, specially indicated for insulation and filling of all type of cavities as tanks, deposits, cool stores, panels, etc.

CONDITIONS OF USES

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

The recommended temperature of components is 21 ±1 °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

If it is not specifically indicated, the drums should not be stirred previously to the loading in order to avoid losses of the blowing agent.

COMPONENTS CHARACTERISTICS

Characteristics	Units	H25C	9762-Z
Specific weight 20°C	g/cm ³	1,23	1,11
Viscosity	cPs	150 – 250 (25°C)	400 – 800 (22°C)
NCO content	%	30 - 32	-

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SYSTEM SPECIFICATIONS

Test beaker measurements at 22°C at the indicated mixing ratio and according to our Standard Test (MAN-S02).

MIX RATIO A / B: 100 / 110 ± 5 per weight
 MIX RATIO A / B: 100 / 110 per volume

Characteristics	Units	9762-Z
Cream time	s	14 ± 2
Gel time	s	85 ± 5
Tack free time	s	115 ± 15
Free density	g / l	36 ± 1

TYPICAL CHARACTERISTICS OF THE FOAM WHEN APPLIED

The typical properties when applied with a low-pressure machine are as follows:

Characteristics	Method	Units/Level	9762-Z
Apparent density	EN 1602	Kg/m ³	40-45
Compressive strength, 10%	EN 826	kPa	200-250
Dimensional stability DS (-20,-) 48 h, -20 °C DS (70,90) 48 h, 70 °C, 90 % R.H.	EN 1604	DS(TH)	2 4
Closed cells %	ISO 4590	%	>90
Reaction to fire	EN ISO 11925-2 (on naked foam)	Classification	F
Initial thermal conductivity, 10 °C	EN 12667	W/m ⁰ C	< 0,020

Pouring System**9762-Z****Isocianato****H-25C****STORAGE RECOMMENDATIONS**

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).