Neopol Kimya

"We Make the Best Coatings"

NEOFOAM B2 d25

TWO COMPONENT SPRAY POLYURETHANE FOAM

DEFINITION;

NEOFOAM B2 d25 is produced for polyurethane spray foam applications, which can be applied with 1:1 fixed ratio polyurethane spray machines by volume. New generation inflator gas is used, does not contain HCFC. It has low GWP and ODP (=0). The final product, the foam, has excellent physical properties and is in the B2 non-flammability class according to the DIN4102 Standard.
Suitable for roof, wall, ceiling, floor, trapezoidal sheet applications, cold storage floors and walls, pipeline support, trench breaker/plug use. The application density may vary depending on the number and thickness of the applied layers, atmospheric conditions and the application method (horizontal - vertical). In order to ensure a good foam adhesion on the applied surfaces, the surface must be dry, not at very low temperatures, and free from dust and oil.

TECHNICAL SPECIFICATIONS

Physical Properties;

	Unit	Polyol Blend	Isocyanate	Test Method
OH Value	mgKOH/g	280-300		ASTM D 4274
NCO Content	%		30-31	ASTM D 5155
Viscosity (25 0C)	mPa.s	180-220	220-250	ASTM D 4878
Specific Gravity (200C)	g/ml	1,12	1,23	ASTM D 891

Recommended Ratios For Applications;

	Weight ratio (w/w)	Volumetric ratio (v/v)
NEOFOAM B2 d25 (Polyol)	100	100
NEOFOAM PMDI (Isocyanate)	109	100

Reaction Characteristics;

	Unit	Machine mix
Cream time	sec.	3-5
Gel time	sec.	7-10
Free rise density	kg/m3	24-26

Note: This product is for professional users. The information in this publication is based on our professional knowledge and experience. This information does not eliminate the obligation of users of our products to test their suitability for their place of use. As the implementation and use of our products is beyond our control, none of the recommendations are within our warranty. Users should evaluate our products on their own terms and are solely responsible. The technical data sheets of all our products are updated at regular intervals. Users are responsible for obtaining the latest version.

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Foam Properties;

Dimensional Stability	Change (%)	Application Density (kg/m3)	Metod
-25 C / 48 hour	<0,8	31,5	ASTM D-2126
+70 C / 48 hour	<1,0	31,5	
Compressive Strength (%10)	250 kPa		TS EN 826
Closed Cell	>% 92		ASTM D-2856
Inflammability Class	B2 / E		DIN 4102 / TS EN 13501-1
Thermal Conductivity Coefficient (W/mK) (10 0C)	0,020-0,022		TS EN 12667
Water Absorption (%)	0,22		TS EN 1609

Shelf Life And Storage;

	Unit	Polyol Blend	Isocyanate
Storage Temperature	°C	15 – 25	15-25
Shelf Life (*)	Months	6	12

* Stored in original sealed drums in a dry place at recommended temperatures.

Warning: No other material should be added to NEOFOAM B2 d25. Opened packages should be completely finished and should not be left unfinished. Do not thin with any thinner. After curing, NEOFOAM B2 d25 is completely healthy.

Packaging Informa ion:

1 Set of 470 KG NEOFOAM B2 d25;
NEOFOAM B2 d25 (POLYOL) : 220KG metal drum
NEOFOAM PMDI (ISOCYANATE) :: 250KG metal drum

HEALTH/SAFETY INFORMATION

Component A of NEOFOAM B2 d25 contains isocyanate. During the application, smoking should not be allowed and should be worked in well-venti-lated environments away from naked flames. It should be noted that solvents are heavier than air and therefore will circulate on the floor. During the application, work clothes, protective gloves, glasses and masks in accordance with the occupational and worker health rules should be used. Due to the irritating effects of the uncured product, the components should not come into contact with the skin and eyes. In case of contact, wash with plenty of water and soap. If swallowed, seek medical advice immediately. For detailed information, please refer to the Safety Data Sheet (MSDS) or contact our technical units. Keep out of reach of children.

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