

EPAFUR SFR 402 SD	Polyurethane rigid foam	Insulation
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PRODUCT	EPAFUR SFR 402 SD :	Two components polyurethane spray system
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DESCRIPTION OF THE PRODUCT	EPAFUR SFR 402 SD: It is a two-component closed cells system. Very versatile material that can provide a solution to many problems of insulation in the building. It is a product that combines sufficiently high insulation, water resistance and mechanical properties of structural. The product contains blowing agents are not harmful to the ozone layer and therefore has an OPD = Zero.
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FIELDS OF APPLICATION	Two components polyurethane spray system: • Insulation in construction of buildings; • elements such as walls, ceilings, roofs, air barriers; • pipes, storage, cold storage, etc.
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PACKAGING	Metal drums of 47 Kg and 470 kg for system
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PROPERTIES				
	ISO	RES		
Specific weight	1,22 ± 0,03	1,09 ± 0,03	g/l	ASTM D 0891
Viscosity at 23°C	200 ± 30	350 ± 100	mPa.s	Brookfield
Mix Ratio	100	100	vol	
Cream time	3-4		min sec	UNI EN 14315-1 Annex E
Gel time	10-15		min sec	UNI EN 14315-1 Annex E
Touch free time	17-22		min sec	UNI EN 14315-1 Annex E
Free rise density	28 - 32		Kg/m ³	EN 1602/UNI EN 14315-1 Annex E
Core Density	36 - 40		Kg/m ³	ASTM D 1622
Compressive strength	1.8 - 2		Kg/cm ²	UNI 6350
Tensile Strength	4.2 – 4.7		Kg/cm ²	ASTM D 1623
Thermal conductivity ((λ _i))	0,023		W.m ⁻¹ K ⁻¹	EN12667:2002
Reaction to fire	E		classe	UNI EN ISO 11925:2005
Content percentage closed cells	CCC4		classe	UNI EN 14315-1
Water vapor permeabilità	38		μ	EN 12086:2013

Water absorption (Wp)	0,019	Kg/m ²	UNI EN 1609:2013
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1.Preparation of the product and application: The polyurethane system is constituted by n ° 2 components: **EPAFUR SFR RESIN** and **EPAFUR SFR ISO**. The two components occur in the liquid state but, suitably mixed and sprayed, in contact with the surface, expand to create a hard and monolithic coating. Rigid foams must be applied with spray technology by expert applicators and in optimal conditions. The spray is carried through machines which work with right proportions and at low or high pressure, which allow to rapid and simple performs.

TEMPERATURE CONDITIONING COMPONENTS	35-40°C
TEMPERATURE OF THE SUPPORT	> 3 °C della temperatura di rugiada
ENVIRONMENTAL TEMPERATURE	> +10°C
HUMIDITY OF THE SUPPORT	< 15%
RELATIVE HUMIDITY	< 65%
SPEED OF THE WIND	< 5 m/sec oppure 10 Km/h

The products must be brought to the temperature recommended before use. It is recommended to spray on clean and dry surfaces and free from oily substances. In case of exposure to UV radiation is recommended to protect the polyurethane with purpose EPAFLEX systems.

SAFETY	Avoid contact with skin and mucous membranes. Use appropriate protection including mainly mask and gloves. Avoid inhalation of the product and ventilating, possibly the work areas
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STORAGE	The product should be stored in a cool and shaded area and at temperatures between +5 ° C and 25 ° C. It can be kept for 6 months.
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The data contained herein as well as counseling or other support services are based on our current knowledge and experience. In view of the many factors that may influence the use of our products, these data do not relieve users from carrying out their own investigations and tests, in particular with regard to the suitability of the goods for the processes and the purposes for which you intend to use it; also these data imply any guarantee of certain properties or the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, measured values, etc. mentioned herein may be changed without notice and are not representative of the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that property rights and existing laws and legislation are observed.

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