COMMENTS	The information in this data sheet is based on our current knowledge and the EU laws and national. The product should not be used for purposes other than those specified. It is always the responsibility of the user to take the necessary measures to comply with the requirements of current legislation. The information contained in this form should not be considered as a guarantee of its properties.

DESCRIPTION:

The product **TECNOFOAM G-2008** is a very low density foam system composed of two components (polyol and isocyanate) that produces an open cell polyurethane foam, with an applied density of 10 ~ 12 kg/m3.

The system **TECNOFOAM G-2008**, has a COV emissions reglamentation.

ACCEPTED USES:

It's specifically designed for thermal insulation in residential buildings.

In applications in interior roofs (within the wooden beams) and walls, buildings facades, non workable roofs.

APPLICATION:

The substrate must be dry for well application, **TECNOFOAM G-2008** foam adheres firmly on most common materials such as wood, drywall, steel, OSB, plywood, interior masonry, drywall construction exterior, and herself. No retracts after completing the expansion.

YIELD:

The performance is 1kg/m2, thikness of 10 cms.

PRESENTATION FORMATS:

Metal drums of 220 kg for the polyol, and 250 kg for the isocyanate.

PROCESSING RECOMMENDATIONS:

The chemicals products must be adjusted to the correct temperature before to use, to ensure the reactivity and viscosity are suitable for processing.

Machine processing temperature: 45 ~ 45 ° C

It's recommended to beat the polyol component before the use.

Projection Equipment:

- mix Ratio: 1:1 by volume
- processing temperature: 45 ~ 55 ºC (at 23ºC environement temperature)
- type: **TECNOFOAM G-2008** could be applied with standard projection equipment polyurethane foam

EXPIRY:

6 months for polyol and 12 months for the isocyanate, temperature within 5ºC ~ 35ºC, provided it is stored in a dry place, non direct contact with sun.

STORAGE REQUIREMENTS:

Storage temperature should be between 10 and 25 ° C. Containers (full or empty) should not be exposed to direct sunlight or heat sources such as stoves, radiators, etc. ..,because they can generate pressure inside ,and will be dangerous its handling or manipulation.

The components are moisture sensitive, must always be kept in airtight containers and be protected against the ingress of moisture at all times to avoid disruptions in the final product or rendered useless for treatment.

HANDLING AND TRANSPORT:

These safety recommendations for handling, are necessary for the implementation process as well as in the pre-and post, on exposure to the loading machinery.

Respiratory Protection: When handling or spraying use an

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air-purifying respirator.

Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking or smoking.

Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in air.

Waste: Waste generation should be avoided or minimized.

Incinerate under controlled conditions in accordance with local laws and national regulations.

Anyway, consult the safety data sheet of the product, are publicly available.

TECHNICAL DATA :

PROPERTIES	RESULTS	METHOD
Density (kg/m3) at 25 ºC	1,12 mPa	---
Viscosity at 25ºC	200 mPa	---
Free glass density	8 kg/m3 (+2/-1)	----
Cream time	3 ~4 seconds	---
Rise time	5 ~7 seconds	---
Water vapour permeability	Sd=0,126 (m)	EN 12086
Thermal conductivity	0,038 W/mK	EN 12667:2001
Open cell ratio	>95%	ASTM D2856
Mass heat	0,22 MJ/m²/mm isolation thickness	
Combustion tests over drywall plasterboard	Bs1d0	Euroclass
Use temperature	45 ~55ºC	
Mix pression of products	80 ~110 bars	
Dynamic viscosity of componentes at 25ºC	180 ~240 mPa isocyanate	200 mPa polyol
Aerial acoustic isolation: 195 mm G-2008, 1x Int. BA 13mm,	Rw (C;Ctr)=40 (-3;-9)dB	EN10140-2:2010
Aerial acoustic isolation: 195 mm G-2008, 2 x Int. BA 13mm,	Rw (C;Ctr)=44 (-3;-9)dB	EN10140-2:2010
COV and aldehydes emissions	Classe A	
Carcinogenic volatiles emissions	Satisfaction level: YES	

COV EXPOSITIONS TABLE:

Component	N° CAS	Cexp at 28 days	Classe
formaldehyde	50-00-0	8	A+
acetaldehyde	75-07-0	5	A+
toluene	108-88-3	1	A+
tetrachloroethylene	127-18-4	<LQ	A+
xylene	108-38-3	<1	A+
1,2,4-trimethylbenzene	95-63-6	0	A+
1,4-dichlorobenzene	106-46-7	<LQ	A+
ethylbenzene	100-41-4	<LQ	A+
2-butoxyethanol	111-76-2	<LD	A+
Styreno	100-42-5	1	A+
TCOV	---	1011	A
Resulting emission class			A