

PRODUCT CERTIFICATE

In application of the Tecnopol procedure for the certification of products corresponding to the requirements of standards 92120-1 has established that the products:

POLYURETHANE SYSTEM FOR THE MANUFACTURING OF IN SITE PRODUCED SPRAY RIGID FOAM FOR THERMAL INSULATION IN CONSTRUCTION.**TECNOPOL SYSTEMS G-2048.1, G-2048, G-2040, G-2050**

Made by :

TECNOPOL SISTEMAS, S.L.**Pol.Ind. Z - C/ Prensa 5 -- Parets del Vallés (Barcelona)**

Are submitted by the manufacturer to the tests and factory production control, to evaluation, type testing and the control of production and permanent monitoring of factory production control, according to the requirements established in the standards referred to this certificate.

Barcelona, 20 de agosto de 2011

Signed

TECNOPOL SISTEMAS, S.L.

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ANEX

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Products	Densisty sprayed	dimensional stability (48h) 70'C/90%HR	dimensional stability (48h) - 20'C/50% HR	Fire class	Thermal conductivity w/(m.k), a 10' C	Compression resistance kPa	E- Module kPa
G-2048.1	30-40	<4%	< 1%	Clase E	0,031+-10%	> 140	>4200
G-2048	35-45	<4%	< 1%	Clase E	0,031+-10%	> 160	>4500
G-2050	50-70	<4%	< 1%	Clase F	0,033+-10%	> 350	>9000
G-2040	40-50	<3%	< 1%	Clase E	0,031+-10%	> 220	>7000

Norms:

Density: UNE 92120-1:1998 (Anexo C)

Dimensional stability: UNE-EN 1604:1997, UNE-EN 1604:1997/A1:2010.

Fire class: UNE-EN 13501-1:2007+A1:2010. Ensayo del pequeño // quemador UNE EN-ISO 11925-2:2002

Termal conductivity: : UNE-EN 12667:2002

Compression resistance: UNE-EN 826:1996.

E-module: UNE-EN 826:1996

Signed

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Dirección Ejecutiva

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