



POLIURETAN S SPRAY FIRE-REPELLANT SYSTEMS

	APPLICATION	AVERAGE DENSITY APPLIED (kg/m ³)	REACTION TO FIRE UNE 23727 UNE-EN 13501-01:2002	THERMAL CONDUCTIVITY COEFF. (W/mK)	RESISTANCE TO COMPRESSION (KPa)
RF 351C ISOC H *	FALSE CEILINGS, ELEVATED FLOORS, ETC.	35-45	M1 EUROCLASS C	0.028	175 - 225
RF 352D ISOC H **	INDUSTRIAL PREMISES, FARMS, ETC.	37-43	M2 EUROCLASS D	0.028	175 - 225

(*) AENOR N MARK CERTIFICATE no. 020/002605

REACTION TO FIRE CERTIFICATE ISSUED BY GAIKER WITH REPORT no. P-03-377/1 DATED OF 30-04-03

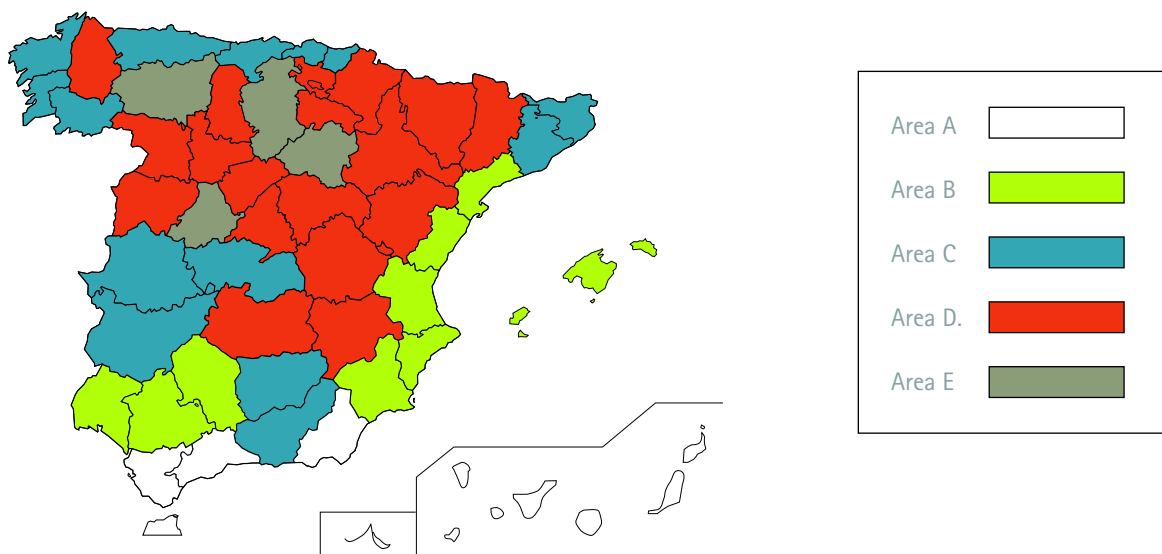
(**) REACTION TO FIRE CERTIFICATE ISSUED BY GAIKER WITH REPORT no. P-03-377/1 AND P-04-747 DATED 30-04-03 AND 06-10-04

1. Energy saving (DB-HE1)

The CTE defines different climate areas depending on winter conditions and, in turn, the required thermal transmission values are established for each area. Poliuretano S Spray rigid polyurethane sprayed foam makes it possible to reach the optimal insulation levels required by the CTE with minimum thickness.

There are two options for justifying compliance with the energy-saving conditions required by the CTE:

- General option: by means of the LIDER program or another acknowledged programme.
- Simplified option: by means of compliance with the limit values (see attached table).



LIMIT TRANSMITTANCES (W/m².K)

	A	B	C	D	E
Facades	0.94	0.82	0.73	0.66	0.57
Flooring	0.53	0.52	0.50	0.49	0.48
Roofs	0.50	0.45	0.41	0.38	0.35