

PINUM Ei2 60

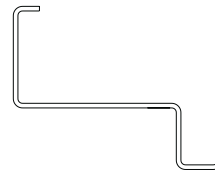
DATA SHEET SINGLE-LEAF FIREDOOR EI2 60 C5

Description : These doors are specially designed to be used in areas where there is risk of fire, with its main goal being to prevent its propagation by diving spaces and acting as a barrier against fire. Firedoors are made following the highest quality standards in compliance with current safety regulations.

Frame :

- Made of steel plate between 1.5 and 2mm thick, in accordance with UNE EN 10142 and UNE EN 10143 standards and regulations
- Standard door is delivered painted over RAL 9010.
- Special Door is delivered Galvanized.
- It takes 6 or 9 mounting parts or claws to unite it to the building structure

Porfile of firedoor's frame



Firedoor's mouting part



LEAF:

- Made of galvanized steel plates in special doors and pre-lacquered in RAL 9010 in Standard doors with a thickness for 900-width doors or lower of 0.5 and of 0.6 mm for the rest in compliance with UNE-EN 10142 and EN 10143 standards
- Internal perimeter reinforcement in sheet plates with maximum thickness 2.5 mm.
- Self-adhesive temporary protection film

Security Pivot



-Between hinges it takes a security pivot to avoid that the door is removed or deformed by heat.

- Insulating material inside: Rock Wool 165 Kg/m⁻³

Technical Features :

Euroclase E1

Synthetic binder

Water behaviour : neither hydrophilic nor hygroscopic

Coefficient of Linear expansion $2 \times 10^{-6} 1/m^{\circ}C$

Thermal conductivity : See table

Average Temp. (°C)	10	50	100	200	300	400
Thermal conductivity (l) (W/m²C)	0,032	0,037	0,042	0,056	0,072	0,091

- The plates-rock wool joining system is aided by intumescent glue of non-existent toxicity and flammability.

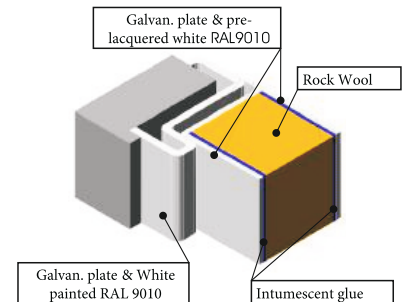
Hinges:

WIDTH GAP	HEIGHT GAP	Num. of HINGES
800/ 900/ 1000 mm.	2070 mm.	2
	2150 mm.	
>= 800 mm.	>= 2200 mm.	3
> 1000 mm.	>= 2070 mm.	

- They are hinges WITHOUT wharf, holding CE marking in accordance to the UNE-EN 1935 norm and conforming to the Technical Building Code (CTE).
- Demanded minimum value of the codification digits: to see table

Codification Digits	1st	2nd	3rd	4th	5th	6th
Mandatory value of the digit	4	7	>5	1	1	>12

REMARKS: : In order to fulfill the requirement of C5, doors may be equipped with door-closers holding CE marking.



Section of the door



Firewall hinge WITHOUT wharf

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Intumescent Seals:

- High Expansion
- attached to the entire frame except at the bottom part.
- Dimensions 20 x 2.5 (width by thickness)
- Made of graphite and black base
- Flexible, insoluble and odorless
- Expansion Factor : 25 α 1 if Temp > 180 °C



Intumescent seal

Lockings :

- Reversible firewall lock with double interlock and latch bolt closing
- CE marking in accordance to the UNE-EN 12209 norm and conforming to the Technical Building Code (CTE)

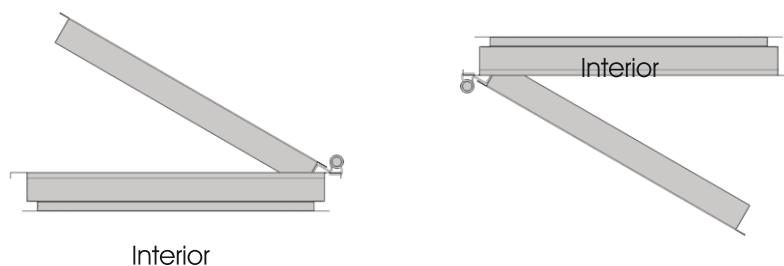


Firewall Lock

Codification Digits	1st	2nd	4th	5th
Mandatory value of the digit	3	M-S-X	1	0

2.2.- Opening direction:

 Yellow, right opening



 Blue, left opening

