

DESCRIPTION:

The IGNIVER® product is a mortar of fine granule based in calcium sulphate. This product is lightened with expansive minerals and formulated with several additives to improve the application and its performances. The application is performed by spray; the product powder is mixed with water in appropriated machines, or manually. Once the mortar is hardened, conforms a continuous rendering completely bonded to the support (steel with and without primers, and galvanized steel).



APPLICATION FIELDS:

- Fire Protective Products to protect load-bearing steel elements: beams and columns with 3 and 4 exposed faces.
- Fire Protective Products to protect flat concrete profiled sheet composite elements.
- Protection of floor slabs and concrete structures.

KEY BENEFITS:

- Easily mixed and applied.
- Environmentally friendly. It does not contain fibers and is not harmful to health.
- Good quality finish: allows its subsequent painting.
- Flexibility in the construction, which allows adapting to both regular and rounded shapes.

TECHNICAL DATA:

• Reaction to fire:	A1
• Density (kg/m³):	745
• ph:	12
• Product performance (kg/m²/cm):	7
• Resistance compression (N/mm²):	≥ 2
• Resistance flexion (N/mm²):	≥ 1
• Thermal conductivity λ (W/mK):	0,22
• Temperature for correct use:	5°C - 40°
• Packaging:	64 bags / pallet 18 kg / bag

APPLICATION METHOD:

- IGNIVER® can be applied using a projection machine.
- The surface to be projected must be free of dust, grease and rust.
- The final finish can be rough or smoothed, and allows the final application of paints.
- It is not necessary to use metal mesh.
- Indoor use.
- The recommended application temperature is between 5 °C and 40 °C.

REGULATION:

- UNE ENV 13381 - 4: 2005. *Tests to determine the contribution to the fire resistance of structural steel elements.*
- UNE ENV 13381 - 5: 2005. *Tests to determine the contribution to fire resistance of mixed structural elements of concrete / profiled steel sheet.*

STORAGE AND CONSERVATION:

The bags should be stored on flat surfaces and never outdoors, keeping the material indoors protected from sunlight and moisture. The maximum conservation time is 6 months from the manufacturing date printed on the bag.

MANIPULATION:

The use of gloves, glasses and mask is advisable.

FIRE RESISTANCE:

Consult the table of masses to determine the thickness of application in each case.

This information and, in particular, the recommendations applying to the installing and final use of the product, are given in good faith based in the current knowledge and experience of SAINT-GOBAIN PLACO IBÉRICA, S.A., when the products are correctly stored, handled and installed in normal situations, and within their useful life period. SAINT-GOBAIN PLACO IBÉRICA, S.A. reserves the right to change the technical specifications of the product without prior notification. It is the responsibility of the user to be aware of and use the last version updated of the Product Data Sheet, copy of which will be sent to those who request it.



UNE – EN 13963