
SPECIFICATION FOR THE APPLICATION OF FIREBLOCK® 2010/C

Protection of reinforced concrete and prestressed reinforced concrete load-bearing structures and of non-load-bearing partition walls in blocks of brick and concrete and raising of their fire resistance up to class R/REI/EI_____.

The application cycle provides the following procedures:

1) PREPARATION OF THE SURFACES

Verify that the surfaces are clean and free from oily substances, grease and release agents. In the case of surfaces already painted, existing paint coats must be completely removed by sandblasting or by sandpapering.

2) PRIMER

Application of our product called PRIMER STARPLAST in the quantity of 100-150 g/m² in order to improve the adhesion of the following coats of FIREBLOCK® 2010/C.

3) INTUMESCENT PAINT

Application of several coats of intumescent paint called FIREBLOCK® 2010/C with recoat time as specified in the relative technical data sheet. The dry film thicknesses and the quantities of FIREBLOCK® 2010/C to be applied shall be determined by the engineering office of reference: they are based on the required fire resistance class and of the technical data, relating to the profiles to be painted, contained in report of calculation and in the drawings.

The FIREBLOCK® 2010/C can be applied by brush or roller in the amount of 500 g/m² per coat, or by spraying in the amount of 700 g/m² per coat (airless device without filter with nozzle 31).

It's important to take great care in the angled areas where the product tends to accumulate. Spray in this case at a distance of dispensing more high, reducing the scope of the gun.

4) TOPCOAT

When the FIREBLOCK® 2010/C paint film is completely dry (after at least 2 days) the application procedure can be completed, if necessary, by applying our chlorinated rubber topcoat called STARGUM COLOR (semi-gloss or glossy version) designed to impart anti-weathering and water-resistant properties to the intumescent protection. The recommended quantity to apply per coat is 150-200 g/m² equivalent to a dry film thickness of approximately 60 micron. We suggest the application of one coat or two coats of STARGUM COLOR depending on the type of use.

For any information not mentioned above, please look at our technical data sheets.

The cost of undercoat treatment, intumescent paint and eventual topcoat will cost € _____ per m² excluding laying, scaffolding and sandblasting or the preparation of the substrate.

The quantity required for each coat and the number of coats to apply are in relation to the application system adopted and to the reinforced concrete structure to treat. The instructions of our Technical Assistance Service must be strictly followed.