



Product Number: 83

Intumescent Coating for Steel Protection

Description:

Smooth-finish intumescent paint system for the protection of Steel and Aluminium. Can be applied over existing paint after removal of any loose particles and washing down.

Application:

1. Ensure that steel is cleaned and free from loose rust. Over existing paints, ensure that the surface is clean, dry, and free from grease or loose material before applying the primer. Slightly abrade any top coat to provide a key for the primer.
2. Apply Envirograf® EP/FS/P primer at a rate of 8m² per kg, suitable for internal and external application. If a primer has already been applied and is sound, then there is no need to apply Envirograf® primer.
3. Apply Envirograf® intumescent coat EP/FS/IN over the primed surface by brush, roller, or spray to give the correct loading as specified. Up to 5% water can be added for spraying if necessary. Depending on the thickness of the coats applied and the air temperature and humidity, each coat will take approximately one to two hours to dry.
4. Do not apply the Envirograf® intumescent coat EP/FS/IN externally if rain is imminent. The top coat must be applied for weather protection or the area should be temporarily covered over to prevent damage to coated areas by rain, snow, or water leakage. If a paint contract is not going to be completed in a day, it is advisable to concentrate on one area at a time, thus ensuring all the coats including a top coat can be applied in the same day. This does not apply to internal applications where rain, water, or moisture are not a problem.
5. Where the steel is external, application of an undercoat is advisable. Any groove or joints between brick, block and steel must be sealed with silicone after coating is applied to stop ingress of water.
6. For internal use apply the EP/FS/TCW top coat at a rate of 10 -12m² per litre. For external use apply the EP/FS/TCE top coat at a rate of 2 coats at 10 -12m² per litre. The top coats can be supplied in any RAL or BS colour.