



Method Statement

Steelwork Cleaning

Description of Tasks

Treatment of Steelworks

All loose, and flaking paint will be removed from the area surrounding the damage by scraper or by abrading with sandpaper to create a good key. This will help to reduce poor adhesion of the paint used for the repair.

the Intumescent Paint will be cut out to one or two centimetres from the damaged area, in every direction back to a sound edge. This should be large enough so that manual preparation can be carried out.

We will make sure the exposed substrate is dry, clean, and free from any contamination. This could be oil, grease, salt, chemicals, dust, liquids, or dirt etc.

the steel will be prepared to achieve ISO 8501-1 St 3., the resulting surface should provide a good key. Again, this should be free from dust, debris, or any other form of contamination before commencing painting.

The exposed steel will then be primed with Sigma Cover 2, applied at a film thickness of 100 microns dry film.

Once the coating is dry, we will lightly abrade the surrounding sound coatings by 25-30mm to remove any existing sealer coat, before reinstating the specified thickness of intumescent paint using original PPG Steel guard intumescent coatings. care will be taken when doing this, so that you do not excessively overlap the intumescent paint or topcoat that already exists.

Allow the surface to dry, abrading where necessary to achieve a suitable finish. Overcoat repaired areas using a brush or roller with the original topcoat to the original dry film thickness. Make sure to overlap the sound finish by 50mm this time round.

Any areas of loosely adhered topcoat will be removed Then abrade the surface lightly. Afterwards ensure all exposed areas of intumescent paint are clean, dry, and free from debris.

Following the above the intumescent paint will be reinstated to the original specified thickness, using the original Steel guard intumescent paint coating. taking care not to overlap the existing intumescent or topcoat too much.

regular inspections to the condition of the paint coatings will be carried out, also checking for mechanical damage, especially at low levels. Touch these up as and when you find them in accordance with the repair procedures previously outlined.

