

### Recommendations

It is the opinion of Tremco CPG UK Limited that where stud welding has taken place on the top uncoated flange of a beam coated with a Nullifire material, and this welding has resulted in the formation of blisters in the Nullifire on the inner top flange. These blisters do you not need to be repaired from a fire portection point of view if within a C1 environment.

However, Tremco CPG UK Limited recommend remedial works to be carried out if one or a combination of the following reasons arises:

- Where aesthetics is a prime consideration.
- Where the construction is to remain open to the elements for a significant period of time.
- Where the construction is still open to the elements and blisters have cracked.
- Where the end use situation will fall into categories C2-C5 as per ISO12944-2:2007 i.e. external exposure or internal environments where condensation and/or high humidity may occur.
- Where blisters have completely detached from the structure.

### Repair Procedure

Please follow suggested repair procedures below for relevant products.

1. Remove all blistered paint back to a firm edge. This includes the primer if this too is damaged, in which case it will be necessary to reapply with a suitable primer.
2. Ensure surfaces to be coated are clean, dry and free from all surface contamination.
3. The original Nullifire material should be applied by brush or spray in the appropriate number of applications until the original target thickness for the section is achieved.
4. Topcoat as required.

### Repair Procedure (SC900 Series)

Please follow suggested repair procedures below for relevant products

1. All areas of blistered or damaged SC900 should be removed back to a sound edge. This is preferably achieved by using a sharp blade to cut a bevelled perimeter slightly outside the obvious area of damage.
2. If there are areas of damaged primer it will be necessary to reapply with a suitable primer.
3. Ensure all areas are cleaned and free from dust or any other form of contamination.
4. Apply SC900 series product or SC900 Repair Kit to the prepared area, ensuring that the final applied thickness corresponds to the required DFT for the appropriate steelwork.
5. The repair material can be applied in one coat which we recommend is applied proud of the existing coating unless aesthetics are a consideration.
6. Once the repair material has cured and if required it can be sanded to a smoother finish, by hand or by mechanical means.
7. Topcoat as required

### Note:

In all cases reference should be made to Tremco CPG UK technical data sheets prior to application of any product.

### Technical Service

Nullifire has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Technical Services on 01942 251400.