

## 2C fire protection coatings for steel

### Touching up damage over small areas in dry indoor environments defined as Z2 under ETAG 018-2 and EAD 350402-00-1106

Touch-ups conform to the approval only when they are made with materials from the originally applied HENSOTHERM® fire protection system.

**Note:** The maximum follow-up application time for both this product and HENSOTOP 2K PU top coat is seven (7) days. Grinding is necessary when the follow-up application time has been exceeded! [Grain size approx P 80]

#### D) Procedure for damage over small areas ( $\leq$ DIN A5) on finish coatings::

1. Remove dust and other contaminants by hand or with suitable equipment (vacuum cleaner, blower, brush, etc.)
2. Apply to the surfaces HENSOTOP 2K PU top coat in the appropriate colour and to the required dry film thickness (see technical data sheets).

#### E) Procedure for damage over small areas ( $\leq$ DIN A5) extending to the insulation layer former (without primer):

1. Using a machine fitted with 60 grit sandpaper, remove the damaged coating down to the steel substrate
2. Also remove any corrosion. Corrosion on surfaces may be removed manually (e.g. a wire brush) or with suitable machine equipment (min Pst 2 / St 2)
3. Remove sanding dust and loose particulates (see above)
4. Apply to the damaged sites the filler HENSOTHERM® 920 KS
5. After full drying, the surface may be polished for enhanced visual appeal
6. Remove sanding dust and loose particulates (see above)
7. If necessary, apply to the damaged areas HENSOTOP 2K PU top coat in the appropriate colour and to the required dry film thickness (see technical data sheets)

#### F) Procedure for damage over small areas ( $\leq$ DIN A5) extending to the primer:

1. Using a machine fitted with 80 grit sandpaper, remove the damaged coating down to the steel substrate
2. Also remove any corrosion. Corrosion on surfaces may be removed manually (e.g. a wire brush) or with suitable machine equipment (min Pst 2 / St 2)
3. Remove sanding dust and loose particulates (see above)
4. Galvanised sections: Coat with HENSOGRUND 2K (Ib) (see technical data sheets)
5. Uncoated steel: coat with HENSOGRUND 2K EP (see technical data sheet)
6. Once the primer has fully dried, proceed as above under Section E) 4.–6.

**In the case of damage over larger areas and for further technical advice, please contact our engineering department on +49 40 72 10 62-48.**

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