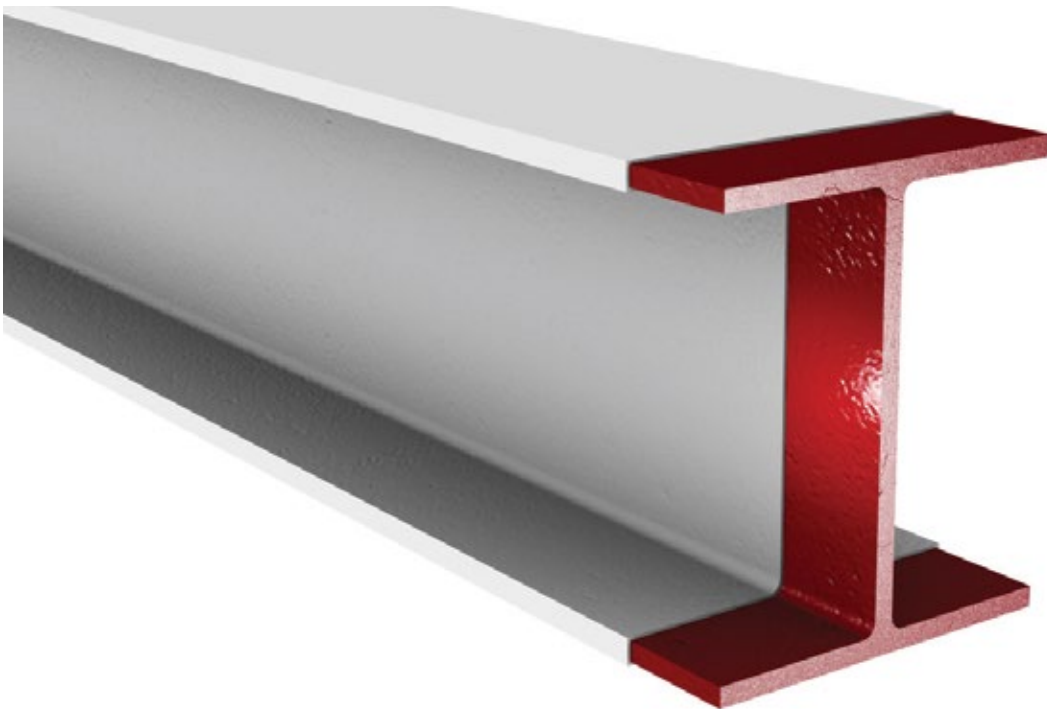


Promat

PROMAPAIN[®]-SC3 Reactive fire protective coating



www.promat-see.com





General description

PROMAPAIN[®]-SC3 is a water borne intumescent paint for fire protection of steel and concrete structures.

Fields of application

- inside of buildings
- in open halls
- protective coating intended for all conditions (internal, semi-exposed and exposed): according to ETAG 018-2

System advantages / customer benefits

- aesthetic surface (thin and seamless result)
- easy to apply
- can be repainted
- both open and hollow steel sections
- suitable for galvanized steel structures
- improving fire resistance of loadbearing brick and reinforced concrete members
- fire resistance up to R(EI) 180

Test certificate / approval

PROMAPAIN[®]-SC3 is approved by ETA and is tested for steel structures and concrete components according to European standards. The coated steel or concrete components achieve fire resistance classes from R(EI) 15 to R(EI) 180.

Processing

PROMAPAIN[®]-SC3 may only be applied by trained professionals. Not for use in components that are constantly in highly humid areas or are exposed to aggressive gases. Surface must be free from grease, oil, rust, dirt or any other contaminant that may inhibit the bonding of PROMAPAIN[®]-SC3 to the primer. Stir well before use. Apply PROMAPAIN[®]-SC3 with a roller, brush or airless spray. Maximum dry film thickness (DFT) of one applied layer should be approximately 700 µm, which is approximately 1.020 µm of wet film thickness (WFT). When using a roller or brush, the maximum DFT of one applied layer should be approximately 350 µm (approx. 510 µm WFT). The processing temperature must be between +10°C and +35°C.

Labelling

The product labeling complies with the current legal regulations.

Packaging

- 25 kg sheet metal containers
 - 900 kg per pallet
- Subject to change.

Storage requirements

Store in a cool, dry place. Shelf-life at least 18 months in original sealed containers.

Safety instructions

PROMAPAIN[®]-SC3 is a technical paint, no mixing with conventional paints is allowed. Individual layers should be applied with care. Check compliance with the required layer thickness. Only tested and approved primers and topcoats should be used. Product details available on request at Promat.

Technical data and properties

Colour	white
Consistency	liquid
Density	1.350 kg/m ³ ± 200 kg/m ³
Solid content	71% ± 3 %
Expansion ratio	~ 1 : 15
Viscosity	~30 Pas at 20°C
Consumption	~1,85 kg/m ² [1 mm DFT*]
Curing time between layers (for the same product)	~1000 µm after 8 hours (20°C, 50% RH)
Working temperature	+10°C up to +35°C
Storage temperature	+5°C up to +45°C
VOC-content	< 4 %
Dilution	water - max. 5%
Use category (according to ETAG 018-2)	without topcoat: type Z ₂ with suitable protective topcoat: type X, Y and Z ₁

* Dry film thickness

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