

## PROMAPAIN<sup>®</sup>-SC3

Reactive fire protective coating



Material properties	
Colour	White
Consistency	Liquid
Density	1350kg/m <sup>3</sup> ± 200kg/m <sup>3</sup>
Solid content	71% ± 3%
Expansion ratio	~ 1 : 15
Viscosity	~30 Pas at 20°C
Consumption	~1.85kg/m <sup>2</sup> [1 mm DFT*]
Curing time between layers (for the same product)	~1000 µm after 8 hours (20°C, 50% RH)
Storage temperature	+5°C up to +45°C
VOC-content	≤ 10g/l
pH value	8.0 - 8.5.
Dilution	water - max. 5%
Use category (according to ETAG 018-2 used as EAD)	Without topcoat: type Z <sub>2</sub> With suitable protective topcoat: type X, Y and Z1

### \* Dry film thickness

All physical and mechanical values are averages based on standard production and tested according to internal procedures. The typical values are given for guidance. The figures can change dependent on the test methods used. If a particular value is of prime importance for a specification, please consult Promat Technical Department.

Exposure PROMAPAIN<sup>®</sup>-SC3 when coated with suitable protective topcoat meets the Type X category of EAD 350402-00-1106 (formerly ETAG 018-2). This is a European based requirement and may consider performance based on European climates

## Safety instructions

PROMAPAIN<sup>®</sup>-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.

## Product description

PROMAPAIN<sup>®</sup>-SC3 is a water borne intumescent paint for fire protection of steel, concrete and hollow brick structures.

## Fire resistant applications

- Inside of buildings
- In open halls
- Protective coating intended for all conditions (internal, semi-exposed and exposed): according to ETAG 018-2 used as EAD

## 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 load-bearing brick and reinforced concrete members
- Fire resistance up to R(EI) 180

## Test certificate / approval

PROMAPAIN<sup>®</sup>-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<sup>®</sup>-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<sup>®</sup>-SC3 to the primer. Stir well before use. Apply PROMAPAIN<sup>®</sup>-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
- 24 pcs./pallet (600 kg)

Subject to change.

## Storage

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

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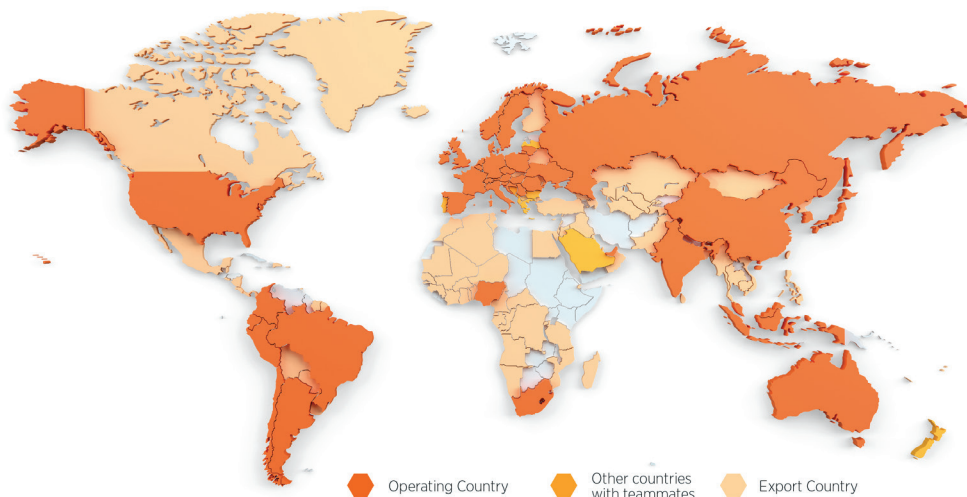
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### About Etex

Etex is an international building materials specialist; the company wants to inspire people around the world to build living spaces that are ever more safe, sustainable, smart and beautiful. Founded since 1905 and headquartered in Belgium, Etex currently operates in 110 production sites in 42 countries with over 11,000 employees globally.

Etex fosters a collaborative and caring culture, a pioneering spirit and a passion to always do better for its customers. Building on its experience and global market needs, the company strives to improve its customers quality of living with ever more effective lightweight solutions.

Its three R&D centres support four global sales divisions:

- Building Performance: Leader in plasterboards and fibre cement boards, and the global reference in passive fire protection solutions for the residential and commercial segments.
- Exteriors: Provider of innovative, durable, high performance and beautiful fibre cement exterior materials for architectural, residential and agricultural projects.
- Industry: Front runner of engineering expertise to drive the future of high performance thermal and acoustic insulation as well as passive fire protection in the industrial, aerospace and energy sectors.
- New Ways: As a new division created in January 2020, New Ways offers high-tech offsite modular solutions based on wood and steel framing.

Etex is Inspiring Ways of Living, for more information, please visit our website: [www.etexgroup.com](http://www.etexgroup.com)