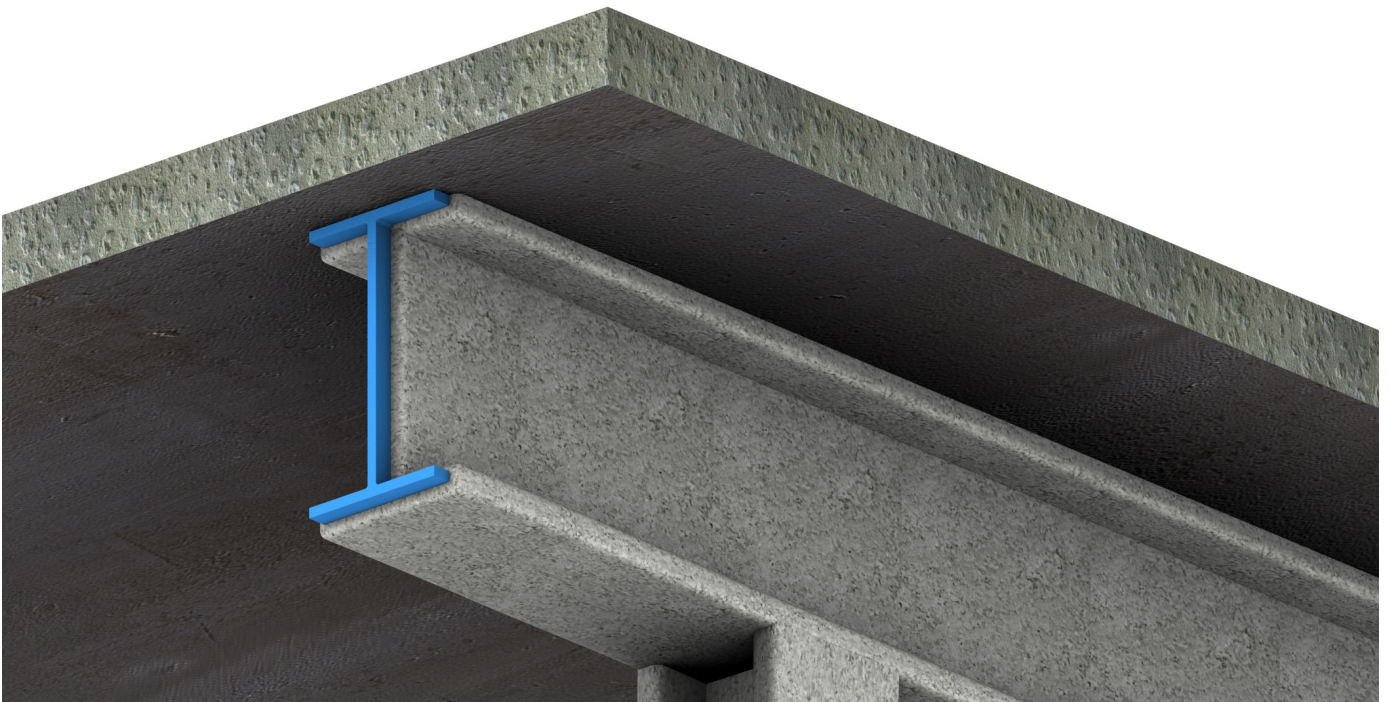


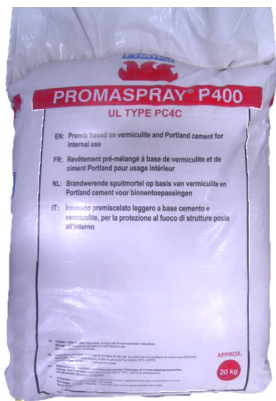
PROMASPRAY®-P400 Product Data Sheet

Non-reactive fire protective coating



www.promat-international.com





General description

PROMASPRAY®-P400 is a Portland cement based, spray applied fire resistive material. It is a medium density wet mix product designed to provide fire protection for structural steel in commercial and high-rise construction.

The durable surface of the product makes it well suited for application in areas which may be subjected to higher levels of abuse.

Fields of application

The product is suitable for internal and external use for fire protection of:

- steel structures

System advantages / customer benefits

- structures protected with PROMASPRAY®-P400 can provide fire resistance for up to 240 minutes in accordance with ASTM E119 (UL 263).

Test certificate / approval

Cafco PROMASPRAY®-P400 is assessed by UL-listing. Loadbearing steel, loadbearing concrete elements and loadbearing flat concrete profiled sheet composite elements are tested in accordance with applicable US standards (ASTM). Depending on the applied layer thickness and area of application, fire resistance 30 minutes to 240 minutes can be achieved.

Top Coating

Cafco® TOPCOAT 200 may be used as protection from frequent wash down, long term chemical spills, or for improved resistance to fungal, algal and bacterial growth

Packaging

- 20 kg plastic bags
- 50 bags/pallet

Subject to change.

Storage requirements

- store in cool and dry conditions
- protect from moisture
- shelf life of original sealed containers at least 12 months
- once opened, bags should be finished swiftly

Safety instructions

- Keep out of reach of children.
- Avoid contact with food or beverages
- Please refer to the safety data sheet for additional advice

Properties and performance	
Surface burning	0 flame spread, 0 smoke ⁽²⁾ developed (accordance with ASTM E84)
Density	473kg/m ³ in accordance with ASTM E605
Cohesion/Adhesion	2879psf (137.86kPa) ⁽²⁾
Deflection effect	No cracks or delamination ⁽²⁾ in accordance with ASTM E759
Impact resistance	No cracking, delamination ⁽²⁾ in accordance with ASTM E760
Compressive strength	4242psf (203kPa) ⁽²⁾
Air corrosion resistance	0g/ft ² (0g/m ²) ⁽²⁾ in accordance with ASTM E859
Corrosion resistance	Does not promote corrosion of primed steel ⁽²⁾ in accordance with ASTM E937
Combustibility	Non-combustible ⁽²⁾ in accordance with ASTM E1354

⁽¹⁾ Standard performance based on General Services Administration AIA/SC/GSA/07811 except for density, which is based on UL. Refer to UL design for density requirement

⁽²⁾ Values represent independent laboratory tests under controlled conditions.



Head Office

Promat International N.V.

Bormstraat 24

2830 Tisselt

Belgium

T +32 15 718 100

F +32 15 718 109

E info@promat-international.com

www.promat-international.com

www.promat-tunnel.com

www.promat-marine.com

www.promat-oilandgas.com