

PROMASPRAY®-P300 (UL TYPE PC3C)

Vermiculite & gypsum based spray material for fire protection of steel and concrete structures.



Material properties	
Density ρ	<ul style="list-style-type: none"> → 310kg/m³ ± 15% with batch mix method → 450kg/m³ ± 15% with continuous method
Alkalinity (pH-value)	approx. 8 - 8.5
Thermal conductivity λ	0.078W/m.K at 24°C
Construction material class	A1, EN 13501-1
Consumption	~0.35kg/(mm.m ²) * Varies based on mix and application.
Minimum rendering thickness	9mm
Rendering thickness range	9 - 73 mm
Thickness of one layer	approx. 9 - 17mm
Cure	By hydraulic set
Initial set	10 to 15 hours at 20°C and 50% RH without accelerator
Primer	Can be applied on Bare / Unprimed Steel. For corrosion protection, may consider; 1. Short/ medium oil alkyd primers 2. Two component epoxy primers

Product description

PROMASPRAY®-P300 is a spray or trowel applied, single package factory controlled premix, based on vermiculite and gypsum, for internal use. PROMASPRAY®-P300 is a lightweight rendering that provides very efficient fire resistance from 15 to 360 minutes, depending on the thickness.

Fire resistant applications

The product is suitable for internal use (EAD 350140-00-1106, type Z₂) for fire protection of:

- Concrete structural elements
- Structural steel
- Timber floors
- Load-bearing flat concrete profiled sheet composite elements

System advantages/customer benefits

- Lightweight and durable rendering suitable for fire resistance of up to 360 minutes
- Economic and quick application
- Improves acoustic and thermal insulation
- Fire protection of steel ribbed slabs

Test certificate/approval

PROMASPRAY®-P300 is assessed by European Technical Approval (ETA). Load-bearing steel, load-bearing concrete elements, load-bearing timber floors and load-bearing flat concrete profiled sheet composite elements are tested in accordance with applicable European standards (EN). Depending on the applied layer thickness and area of application, fire resistance R(EI) 15 to R(EI) 360 can be achieved.

Packaging

- 20 kg plastic bags
- 24 bags/pallet

Subject to change.

Storage

- Store in cool and dry conditions
- Protect from moisture
- Shelf life of original sealed containers at least 12 months
- Once opened, containers 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.



GLOBAL EXPERT IN PASSIVE FIRE PROTECTION

Promat is the expert and worldwide reference in passive fire protection and high-performance insulation for the construction sector and a large number of industrial markets. We offer sustainable solutions that protect lives and assets, enhance comfort, optimise process efficiency, minimise the loss of space and energy and help reduce CO₂ emissions.



For over 60 years, Promat has been dedicated to designing, testing, and manufacturing comprehensive passive fire protection products and systems.



Conducting over 200 fire tests annually, we ensure our products and systems meet the highest international standards and regulations.



We understand your local fire safety regulations, offering the most efficient passive fire protection tailored to your unique building project.



All our systems have been tested and have obtained certificates from the local authorities.

Australia

Promat Australia Pty Ltd

South Australia office

1 Scotland Road
SA 5031 Mile End South
☎ 1800 Promat (776 628)
☎ +61 8 8352 1014
✉ PAPL.mail@etexgroup.com

New South Wales office

Unit 1, 175 Briens Road
Northmead, NSW 2152
☎ 1800 Promat (776 628)
☎ +61 2 9630 0258
✉ PAPL.mail@etexgroup.com

Victoria office

Unit 1, 355 Grieve Parade
Altona North, VIC 3025
☎ 1800 Promat (776 628)
☎ 1800 334 598
✉ PAPL.mail@etexgroup.com

Queensland office

80 Stradbroke St
Heathwood QLD 4110
☎ 1800 011 376
☎ 1800 334 598
✉ PAPL.mail@etexgroup.com

China

Promat Shanghai Ltd

No.2, Tai Hua Street
Yonghe Economic District, Guangzhou City
Guangdong Province 511356
☎ +86 20 8136 1167
✉ promat.cn@etexgroup.com

Hong Kong

Promat International (Asia Pacific) Ltd

Room 1010, C.C. Wu Building
302-308 Hennessy Road
Wanchai
☎ +852 2836 3692
✉ promat.hk@etexgroup.com

Indonesia

Promat Building System Pte Ltd

10 Science Park Road, #03-02 The Alpha
Singapore Science Park II
117684 Singapore
☎ +65 6776 7635
✉ promat.id@etexgroup.com

Malaysia

Etex Malaysia Sdn Bhd

Unit 19-02-01, Level 2, Wisma Capital A
19 Lorong Dungun, Damansara Heights
50490 Kuala Lumpur
☎ +60 3 2095 8555
✉ promat.my@etexgroup.com

Philippines

Etex Malaysia Sdn Bhd

Unit 19-02-01, Level 2, Wisma Capital A
19 Lorong Dungun, Damansara Heights
50490 Kuala Lumpur
☎ +60 3 2095 8555
✉ promat.ph@etexgroup.com

Singapore

Promat Building System Pte Ltd

10 Science Park Road, #03-02 The Alpha
Singapore Science Park II
117684 Singapore
☎ +65 6776 7635
✉ promat.sg@etexgroup.com

- The technical data provided in this publication is based on mean values prevalent at time of publication and is thus subject to fluctuation. It should not be regarded as a guarantee to system performance.
- All data contained herein conforms to and frequently surpasses generally accepted fire protection standards recognised by most professional fire science practitioners and regulatory authorities worldwide. The same general principle is equally applicable to all Promat products and systems. Promat has access to a considerable body of test authentication data and this can be provided on a complimentary basis upon request. It should be noted however that this publication replaces all previous editions in its entirety.
- This document is protected by International copyright laws. Reproduction and distribution in whole or in part without prior written permission is strictly prohibited. PROMAT, PROMASPRAY and logos are registered trademarks of Etex NV or an affiliate thereof in Asia Pacific. Any use without authorisation is prohibited and may violate trademark laws.

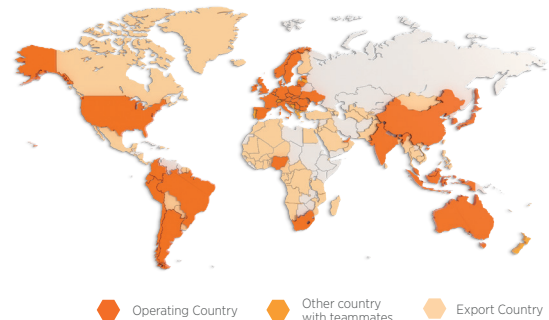
About Etex

Etex is a global building material manufacturer and pioneer in lightweight construction. Etex wants to inspire people around the world to build living spaces that are ever more safe, sustainable, smart and beautiful.

Founded in 1905, headquartered in Zaventem, Belgium, Etex is a family-owned company with more than 13,500 employees globally. It operates more than 160 sites in 45 countries and recorded a revenue of EUR 3.8 billion in 2023. Etex fosters a collaborative and caring culture, a pioneering spirit and a passion to always do better for its customers.

Etex has five R&D centres supporting four global divisions:

- Building Performance: dry construction solutions including plasterboards and fibre cement boards, plasters and formulated products, passive fire protection and associated products.
- Exteriors: a range of aesthetic fibre cement materials for use in agriculture, architectural and residential exteriors.
- Industry: fire protection and high-performance insulation products for the construction and OEM (Original Equipment Manufacturer) industries.
- Insulation: glass mineral wool and extruded polystyrene (XPS) for thermal and acoustic insulation.



Etex's global portfolio includes leading commercial brands such as Promat, Kalsi, Siniat, Equitone, Eternit, Cedral, Durlock, Gyplac, Pladur, Superboard, Remagin, Skamol and URSA.

Etex is Inspiring Ways of Living, for more information, please visit our website: www.etexgroup.com