

PROMASTOP[®] Cement

Fire resistant cement



Product description

PROMASTOP[®] Cement is a lightweight fire resistant cement supplied as a dry powder and to be mixed with water for on-site preparation. This fine grade cement powder is white in colour for ease of identification and has a quick setting time. When the product is set, it presents a hard surface finish and does not shrink regardless of temperature change. It is readily drilled for post installation of services.

PROMASTOP[®] Cement has been tested up to a 240 minute fire resistance with various penetration seals in concrete/masonry floors and walls (with an equal or greater fire resistance level). It is not applicable in lightweight partitions.

For floor applications, PROMASTOP[®] Cement can provide some degree of loadbearing capability depending on the thickness of the cement layer applied. Please consult Promat to determine the thickness to meet a specific loadbearing performance requirement.

Fire resistant applications

- Openings in concrete/masonry floors and walls
- Penetration seal in concrete/masonry floors and walls

System advantages/customer benefits

- On-site preparation and has a quick setting time
- Presents a hard surface finish and does not shrink regardless of temperature change

Packaging

PROMASTOP[®] Cement is supplied in 20kg bags, blended ready for mixing with clean water.

Material properties

| | |
|-------------------------------|--|
| Density (powder) | 730kg/m ³ |
| Mixing ratio (cement : water) | "Pourable" mix ¹ (2 : 1.35) "Packing" mix ¹ (2 : 1.2) |
| Workability period | 30 minutes from time of mixing ² |
| Hardened time | within approximately 60 minutes ² |
| Penetrating services | Plastic pipes, steel pipe, cables and cable tray and cable trunking |

1. Please refer to below Mixing instruction for what is "Pourable" and "Packing" mix.
2. Setting and workability times will depend upon the amount of water used, the cleanliness of the water and the climatic conditions.

Mixing instruction

When mixed with 15 to 19 litres (kg) of clean water, the bag will produce approximately 25 litres of mix which will fill an area approximately 0.84m² at 30mm deep or 0.63m² at 40mm deep.

Note that when mixing, powder should be added to water. If water is added to the powder, the mix will be adversely affected.

This equates to approximately 1.3 x 20kg bags per m² of clear opening at 30mm deep or 1.7 x 20kg bags at 40mm deep (other usage depths can be calculated directly from these figures). The final yield will depend upon the volume of water used. The figures given in this data sheet are for guidance only.

PROMASTOP[®] Cement can be mixed to a consistency to suit the application. For floors, if services are close together, a wetter, "pouring" mix is preferable. For walls, it is always preferable to use a dry, "packing" mix. The amount of water

used will also depend on the weather conditions at the time, but do not use a ratio of less than 2:1. The following may be used as a guide:

"Pourable" mix: 1.35 litres of water to 2kg of compound.
"Packing" mix: 1.2 litres of water to 2kg of compound.

The mix will remain useable for approximately 30 minutes but this will depend upon the weather conditions and amount of water used. DO NOT attempt to remix by adding water after setting has commenced.

In some applications it may be necessary to provide bond breakers around services that may move as a result of natural building or thermal movement. This can be achieved using PROMASEAL[®] IBST[™] or plastic film wrap. Always apply a bead of PROMASEAL[®] Acrylic Sealant at the junction of the services and PROMASTOP[®] Cement. This provides a smoke, water and movement seal.

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.

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

Suite 205, 198 Harbour Esplanade
Docklands, VIC 3008
☎ 1800 Promat (776 628)
☎ 1800 334 598
✉ PAPL.mail@etexgroup.com

Queensland office

☎ 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

Malaysia

Etex Malaysia Sdn Bhd

(Formerly known as Promat (Malaysia) Sdn. Bhd.)
Unit 19-02-01, Level 2, Wisma Tune
19 Lorong Dungun, Damansara Heights
50490 Kuala Lumpur
☎ +60 3 2095 8555
✉ promat.my@etexgroup.com

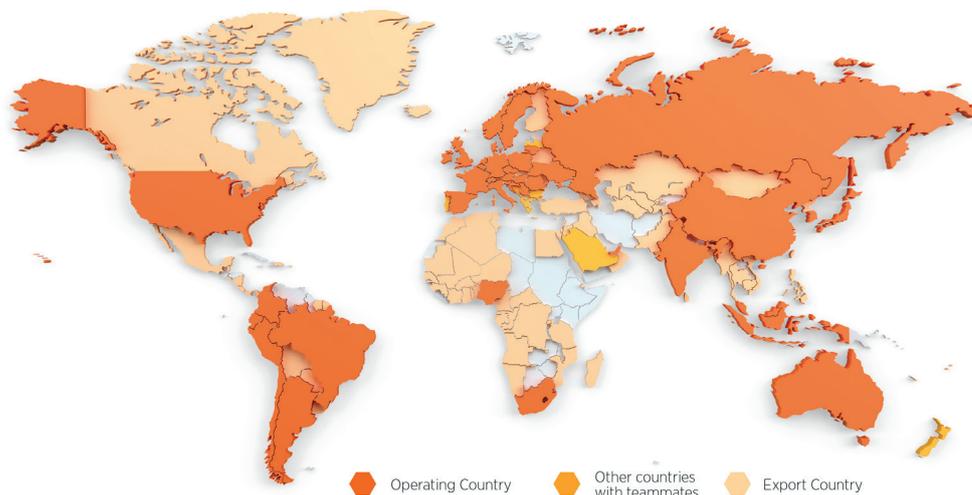
Singapore

Promat Building System Pte Ltd

10 Science Park Road, #03-14 The Alpha
Singapore Science Park II
117684 Singapore
☎ +65 6776 7635
✉ promat.sg@etexgroup.com

www.promat.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, PROMASTOP, PROMASEAL, IBS and logo are registered trademark of Etex NV or an affiliate thereof in Asia Pacific and/or other countries. Any use without authorisation is prohibited and may violate trademark laws.



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 more than 110 sites including plants, quarries and offices 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