

BMS Plug-Rapid

TECHNICAL DATA SHEET

BMS Plug-Rapid is a **cementitious rapid-set repair grout** that stops active leaks in concrete and masonry within minutes—forming an **immediate, watertight seal**.

With a **rapid set time** of approximately **2 to 5 minutes**, BMS Plug-Rapid provides immediate sealing of flowing water by forming a **durable, watertight barrier**. It cures to a **high-strength, mortar-like matrix** with mechanical properties comparable to hardened concrete, delivering reliable performance for both temporary mitigation and permanent repairs.

FEATURES & BENEFITS

- **Waterproof:** Immediate sealing of active leaks and flowing water by forming a watertight barrier.
- **Rapid:** Rapid setting time of 2 to 5 minutes, allowing for fast response to active water ingress.
- **Strong:** Cures to form a high-strength, mortar-like matrix with no significant shrinkage.
- **Durable:** Resistant to wash-out under continuous hydrostatic pressure.
- **Easy:** Pre-blended powder requiring only the addition of water.
- **Safe:** Non-toxic and non-flammable.

TYPICAL APPLICATIONS

- Sealing active leaks and seepage in concrete and masonry structures.
- Sealing joints and construction interfaces in tunnels, mines, and underground structures.
- Repairs to water-retaining systems, including tanks, reservoirs, and swimming pools.
- Emergency repairs to water-bearing concrete pipes and culverts.

PACKAGING

- Typically, 20 kg buckets (palletised).
- Additional packaging options are available on request.
- All orders include Proof of Dispatch (POD) documentation with batch identification numbers and manufacturing dates for traceability.

SHELF-LIFE & STORAGE CONDITIONS

- **Shelf-Life:** Best used within 6 months from the date of manufacture when stored as recommended. Product may be fit for purpose beyond 6 months, subject to assessment of storage conditions and verification testing of grout properties.
- **Storage Conditions:** Store unopened and undamaged packages in a cool, dry environment below 30°C. Shelf-life may decrease if exposed to high temperatures and/or high humidity, or external weather conditions.

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SAFETY INFORMATION

- Cementitious grout dust is an irritant—avoid inhalation or skin/eye contact.
- Wear protective gloves, clothing, eye and face protection.
- Ensure adequate ventilation during mixing and application.
- In case of contact with the eyes, rinse with running water for 15 mins and remove contaminated clothing.
- Always consult the Safety Data Sheet (SDS) prior to handling or use.
- For detailed safety information, refer to the latest SDS available at www.bmscement.com.

CONTACT INFO

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Important Notice

Always refer to the BMS Specialty Cements website (www.bmscement.com) for the latest Technical Data Sheet (TDS) and Safety Data Sheet (SDS). Please read the SDS carefully prior to using this product. In an emergency, contact any Poisons Information Centre (Phone: 13 11 26 within Australia).

Recommendations and advice provided herein are intended as guidelines only. The manufacturer and affiliated companies shall not be liable for any loss or damage resulting from improper or incorrect use of this product. Product usage is beyond the manufacturer's control; liability is limited solely to the replacement of the material should it be proven defective. While every effort has been made to ensure accuracy and completeness, the manufacturer reserves the right to update or amend product information without prior notice. No express or implied warranty is provided concerning the product's performance or suitability for any specific application.