



**Aquacrete®**

**DustBoss**



**PRODUCT DATASHEET**

## **Advanced dust management solution**

For dust-sensitive areas that require the confidence of our Wet-Repel® brand, combined with an innovative application process that suppresses dust and minimises respirable silica exposure.

Aquacrete® DustBoss is a wet-mix product designed for ventilation control and geology consolidation in underground mines. Formulated to minimise dust creation in underground environments, Aquacrete® DustBoss maintains ventilation air quality and safety during application.



# Aquacrete®

# DustBoss



## FEATURES

- Significantly lower crystalline silica levels compared to cement-based alternatives.
- Does not shrink during curing.
- Can be applied to any thickness in a single application.
- Achieves specified overpressure rating in 24 hours.
- Excellent adhesion to various substrates.
- Provides a water-resistant seal.
- High early strength for reliable short and long-term use.
- Wet mix application eliminates potential dust generation.
- Non-slumping.

## APPLICATIONS

- Water-retaining bulkheads
- Dam walls
- Explosion-rated ventilation seals and stoppings
- Backfill containment walls
- Strata consolidation
- Stopping and seal repairs
- Overcast and overcast wings.

## PERFORMANCE

Aquacrete® DustBoss is designed for efficient, dust-free application. With anti-static and fire-resistant properties, it can be applied to any thickness in a single application. It has a non-slumping formula and strong adhesion, achieving its specified overpressure rating and forming a water-resistant seal after 24 hours.

Structures can be engineered to meet site-specific overpressure requirements in excess of 100 psi.

## PACKAGING/HANDLING/STORAGE

Aquacrete® DustBoss is available in:

**500kg bulker bags** 2 bags per pallet

**1 tonne bulker bags** 1 per pallet

For optimal performance, store in its original, unopened packaging in a dry, covered area.

## QUALITY CONTROL

To ensure Aquacrete® DustBoss meets the highest industry standards and specified engineering properties, it is tested and certified by the National Association of Testing Authorities

(NATA). Please contact us if you require a copy of the relevant certificates.

## TECHNICAL SPECS

Form	Granular powder
Colour	Off-white
Bulk density	1400kg/m <sup>3</sup>
Compressive strength at 24 hours	19.2MPa
Compressive strength at 3 days	20.5MPa
Compressive strength at 7 days	23.1MPa
Compressive strength at 28 days	31.2MPa
Flexural strength at 28 days	4.8MPa
Flammability	Non-flammable / anti-static

## DISCLAIMER

Performance test results are provided as a guide and may vary depending on site conditions, application methods, installer expertise, and general job site care.

We recommend that users assess the suitability of our products for their specific environment and application. For questions about product specifications, intended use, or best application practices, please contact our technical team at 0417 818 004.

For further details, please refer to the Safety Data Sheet.

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For more information about Aquacrete® products call 0417 818 004, email [sales@aquacrete.com.au](mailto:sales@aquacrete.com.au) or visit [aquacrete.com.au](http://aquacrete.com.au)

