



Aquacrete®

Flexi-Scrim



PRODUCT DATASHEET

Flexible, airtight barrier for sealing underground strata

Aquacrete® Flexi-Scrim creates an airtight barrier between flexible stoppings and rib walls, preventing leakage between intake and return air, aiding in ventilation management and mine safety.

Unlike rigid materials, Flexi-Scrim remains flexible, adapting to minor ground movements without cracking. It effectively seals around PVC and other materials, ensuring a durable, secure bond to the surrounding strata.





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FEATURES

- Flexible material to combat ground movement.
- No pumps needed. For easy application, blend with a hand drill mixer.
- Provides ample working time for application.
- Non-slumping.
- Excellent adhesion to Flexible Stopping materials and surrounding strata, creating a durable, airtight seal.

APPLICATIONS

- Underground mines

PERFORMANCE

Aquacrete® Flexi-Scrim is designed for air control and ventilation management in demanding underground conditions. It adheres strongly to Flexible Stopping materials and surrounding strata, forming a durable, airtight seal.

With ample working time, it allows for easy application using a hand drill mixer (no pumps required). Its non-slumping, flexible formulation adapts to ground movement without cracking.

INSTRUCTIONS FOR USE

Mixing Instructions

Use **3.8 to 4.0 litres** of potable water per **10kg** of Flexi-Scrim powder.

1. Remove the plastic bag of product from the pail.
2. Fill the pail with the required amount of water to the marked level.
3. Slowly add Flexi-Scrim powder while mixing with a hand drill mixer (hand mixing is not recommended).
4. Mix for 3 to 5 minutes until the product is fully combined, lump-

free, and non-slumping.

Application

Apply the mixed product by hand or with a scrim tool.

Working and Setting times

The product remains workable for up to 60 minutes. After this, it becomes harder to work with as its viscosity increases.

Higher temperatures will shorten the working time. The product sets in approximately 8 hours.

Coverage

A 10kg pail typically covers **1.0–1.5m²** when mixed with a 0.38–0.40 water/product ratio to a 5mm thickness.

TECHNICAL SPECS

Bulk Density 0.9 (dry).
Working time after mixing maximum of 60 minutes.

PACKAGING/HANDLING/STORAGE

Aquacrete® Flexi-Scrim is available in:

10kg pails

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

covered area.

QUALITY CONTROL

Each batch of Flexi-Scrim is carefully blended under strict quality controls to ensure consistent performance and reliability. Our technical team closely monitors production, conducting regular checks to maintain the highest industry standards.

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 or visit aquacrete.com.au

