

AQUACRETE WET-REPEL™



THE SINGLE APPLICATION PRODUCT



Aquacrete Wet-Repel™ is a water resistant premium product with increased strength properties and significantly reduced water permeability. Aquacrete Wet-Repel™ has been developed using the very successful Aquacrete OPR2 rated product, suitable for ventilation control devices and ground stability.

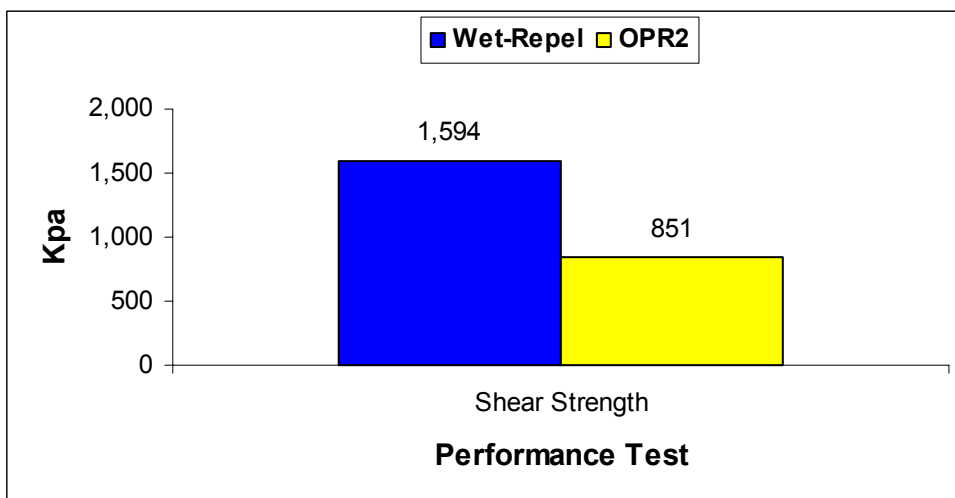
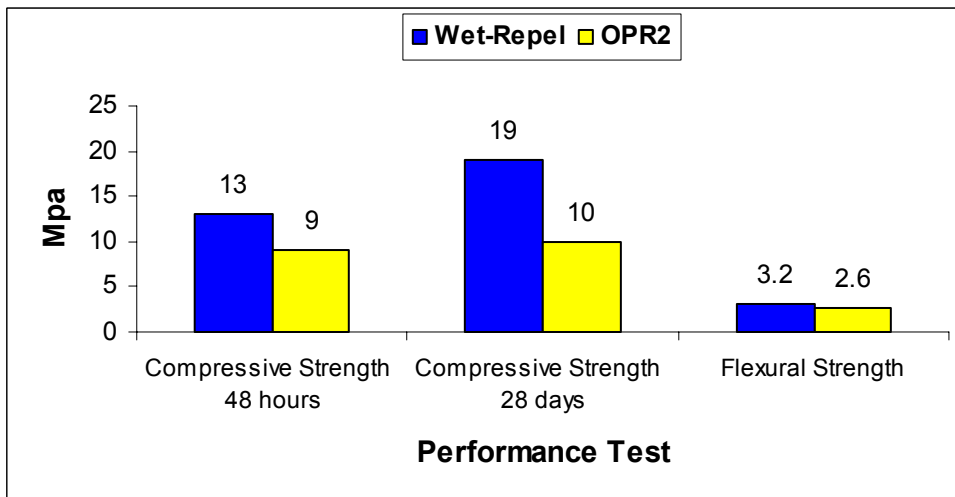
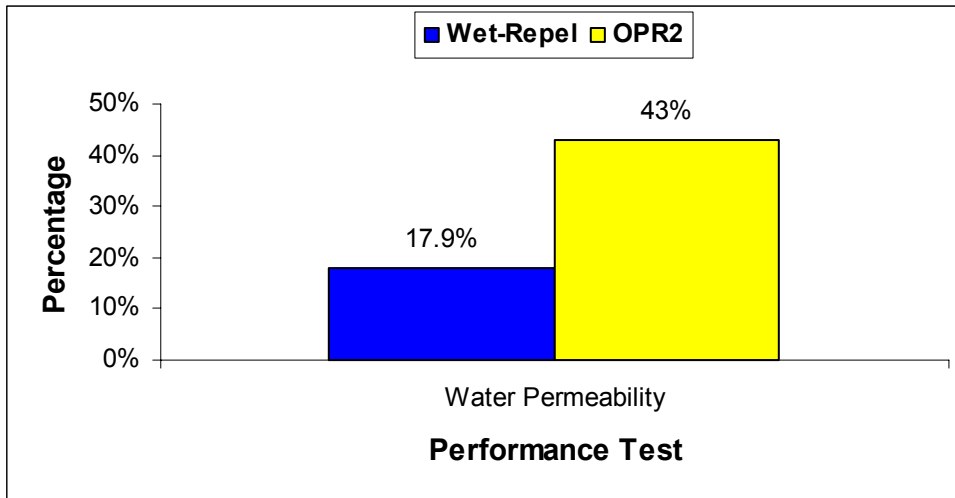
Due to heavy market demand in 2005 – 2006, extensive research was carried out on a water resistant product suitable for underground ventilation support. After successful trials with outstanding results Aquacrete Wet-Repel™ was created.

The current method of constructing a water resistant ventilation wall involves the application of Aquacrete OPR2 with the addition of a waterproofing membrane to the wall. Aquacrete Wet-Repel™ is a single application product with beneficial safety factors of reduced dust and a cured colour of white. Other benefits include significant savings in time, logistics, labour costs and material costs. This creates an all in one efficient and effective ventilation solution to the mining industry.

Aquacrete Wet-Repel™ has improved performance test results compared with Aquacrete OPR2 as detailed in the data below.

Performance Test	Wet-Repel™	OPR2
Compressive Strength MPa 48 hours	13.0	9.0
Compressive Strength MPa 28 days	19.0	10.0
Flexural Strength (MPa)	3.2	2.6
Shear Strength (KPa)	1,594.0	851.0
Water Permeability Percentage	17.9%	43.0%

Aquacrete Wet-Repel verses Aquacrete OPR2



The performance test results are subject to variation depending on the care taken at the job site, the level of expertise for the product application, the site conditions or any other conditions beyond our control.