

PROVISIONAL PRODUCT SPECIFICATION SHEET

Product Description

AusPozz™ is Zeotech's proprietary high-reactivity metakaolin, manufactured from the Company's wholly owned high-purity Toondoon kaolin resource in Queensland.

As a high-performance Supplementary Cementitious Material (SCM), AusPozz™ is designed to replace a significant proportion of Portland cement, reducing concrete's embodied carbon while enhancing strength, durability, and long-term performance.

Independent testing has demonstrated cement replacement rates of up to 40% in optimised concrete mixes, delivering improved compressive strength, reduced shrinkage, enhanced durability, and mitigation of Alkali-Silica Reaction (ASR).

Developed to support the transition to lower-carbon construction materials, AusPozz™ combines technical performance with environmental and commercial benefits across a broad range of concrete and infrastructure applications.

Typical Physical Properties

Properties	Value
Colour	White/Light Grey
Particle size (d50) (Malvern, µm)	30-40
Moisture (%)	1 - 2
pH (20% solids)	4 - 5
Specific Gravity (g/cm³)	2.6
Bulk Density (kg/m³)	660
Pozzolanic Reactivity (mg Ca (OH) ₂ /g)	1250 -1350
Packing Density (kg/m³)	930
Carbon Footprint (CO ₂ -e/kg)	204

This technical information results from testing by the company and others and is provided in good faith and in the belief that it is accurate. However, no guarantee of accuracy is made, nor can we anticipate every possible application or variation in manufacturing technology or usage. Therefore, we supply the product without warranty, express or implied, and on the condition that the recipient determines the product's suitability for their particular purpose by conducting their own tests.