



E5[®] SHOT CURE

RCS™ Technology



Internally curing viscosity modifier and strength enhancer for Shotcrete.



E5 PATENTED



Description

E5® ShotCure is the first nano-silica integral concrete curing product that controls moisture while improving the viscosity and strength of shotcrete in both plastic and hardened states. E5® RCS Technology increases pozzolanic reactivity to form permanent, insoluble bonds in Ordinary Portland Cement Concrete (OPCC).

E5® ShotCure is designed to improve the physical and mechanical performance of shotcrete, and greatly improves the cohesiveness within the high flow mixtures. Increased pozzolanic reactivity prevents segregation and bleeding. The surface is workable and finishable for longer periods of time with increased cementitious hydration.

E5® ShotCure meets C494 and C494M requirements for Type S, Specific Performance, admixtures.

Packaging

Size	Litres
Pail	19
Drum	208
Tote	1041

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. Store in a well-ventilated, cool, dry location and temperatures between 4° - 54°C (40°-130°F). This product has a shelf life of 14 months in its original unopened container. Protect from freezing, direct sunlight, and UV exposure.

Features & Benefits

Low viscosity

Reduced bleed and segregation characteristics

Enhanced workability and stability

Improved pumpability, especially over long distances

Improved sprayability and reduction of rebound

Reduction in shrinkage of hardened concrete

Weather conditions will not affect the surface from drying or cause differential drying

LEED Benefits

E5® Products are bio-degradable, non-hazardous environmentally conscious solutions that extend the service life of the concrete. Contact Specification Products for project specific LEED information.

Dosage

For all concrete applications, recommended dosage is 375-750ml per 100 kg. of cementitious material.

Please contact E5® Distributor for assistance.

Mixing

Required dosage should be introduced in the concrete truck at the ready mix location per the Specification Products Standard Operating Procedure. Allow for proper mixing at the plant before leaving for the project. If there is a need to retemp the load please do so from 1-10 gallons as needed.



Manufactured by Specification Products
www.SpecificationProducts.com

Review technical data sheets and Specification Product Standard Operating Procedure for proper application and use. Please contact Distributor for assistance.

Australian Distributor - McClay Industries Pty Ltd
1300 443 549
www.mcclay.au