

AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

23 November 2020

EdenCrete®- First Volumetric Truck Batching Project

EdenCrete® is being used for the first time in a volumetric truck batching and pumping project that commenced in November 2020 with On Demand Concrete, at Loveland, in Colorado (see Figure 1).



Figure 1. Volumetric truck mixing at the Loveland project site

The concrete was finished to hard trowel mirror and produced a very good surface. All present were impressed with the ease of EdenCrete® finish ability (see Figure 2).



Figure 2. Finishing the concrete surface at the Loveland project

This first EdenCrete® volumetric mixing project involves a two phase, large private residential floor with radiant coil heat tubes. The total slab thickness is 6” (150mm) however only 2” (50mm) of concrete covers the coils. The first phase, which has now been completed, involved the placement of 45 cubic yards of concrete, and went very well.

Whilst this is not a large project, it is important because volumetric truck batching has a growing market share in the residential, and small order markets and, importantly in the US Departments of Transportation market.

The projects volumetric truck batching services are often in rural or more remote locations that may not be easily supplied by ready-mix trucks supplied from plant batched concrete production.

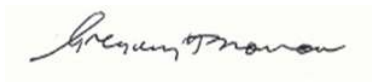
Truck based, volumetric concrete batching is a growing market sector and its importance is reflected by number of ready-mix suppliers that are also suppliers of volumetric mixed concrete, and it is considered to be a likely growth market for EdenCrete® in many parts of the US.

BACKGROUND

EdenCrete® is Eden's 100% owned, proprietary carbon-strengthened concrete additive that enhances a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, and reduced shrinkage, delivering stronger, tougher, more durable and longer lasting concrete.

EdenCrete® delivers not only a wide range of performance benefits in concrete, but also delivers economic advantages through many ways, including greater durability and service life for the concrete. Additionally, in applications where fresh concrete has to be pumped under pressure, including in shotcrete or pumping of fresh concrete up high-rise projects, it greatly reduces the friction enabling the required pumping pressure to be reduced, resulting in less wear on the pumps, and safer working conditions due to reduced nozzle pressure being required, which in turn results in cost savings through less wasted concrete resulting from reduced re-bond in the case of shotcrete applications.

One of the primary target markets for EdenCrete® is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions and/or high levels of added salt. Additionally, it has potential for use in most other concrete applications including high-rise building construction, marine and coastal applications, water storage and pipelines, hardstand areas, warehouses, shotcrete applications and pre-stressed and pre-cast concrete structures and products.



Gregory H. Solomon
Executive Chairman

This announcement was authorised by the above signatory.
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