

AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

3 May 2021

EDENCRETE® USED IN EXTREME ABRASION TRIAL AT US DRAG STRIP

HIGHLIGHTS

- **EdenCrete® trialled in “Burn Out Boxes” at US drag racing strip**

DETAILS

EdenCrete® is being trialled at the Bandimere Speedway, a nationally recognized US drag racing strip near Denver, Colorado, in the concrete “Burn Out Boxes” at the start of the quarter mile long drag strip, where the dragsters spin their tyres to make them sticky before the race, subjecting the concrete to extreme levels of abrasion (see Figures 1 and 2)

For most of the year, the Bandimere Speedway is used by local racers driving average street-legal dragsters, but once a year the venue hosts the national competition involving up to 11,000 horsepower, Nitro -fueled dragsters that can reach 300mph or more and which tear up the concrete surface in the “Burn Out Boxes” as they “light up” their tyres before each race. This single annual national event generates more wear to the track than the aggregated wear generated by the weekly races that take place during the remainder of the year.

The trial, which involved the replacement of the concrete in both “Burn Out Boxes” after only 2 years use, included EdenCrete® that was added at 2 gallons per cubic yard of concrete.

Whilst this is obviously only a small niche market it is a very important trial for EdenCrete® for a number of reasons. Drag racing is a global sport and speedways are always trying to improve their facilities.

Most importantly, Larry Crispe, the Facility Manager at Bandimere Speedway, has been a leading innovator in the sport for more than 30 years. He helped establish Bandimere Speedway and is credited with having:

- created both the delayed light starting marker system;
- installed the first ever cooling system using chilled water underneath the first several hundred feet of the Bandimere track, to cool the track surface to prevent slick conditions occurring during warm weather and when used by the ultra-high-powered dragsters; and
- created the push bar used by 4-wheelers (ATVs) to ferry the race cars around the facility.

Importantly, Larry travels the world advising other race facilities how improve their facilities by using these and other innovations.



Figure 1. EdenCrete® concrete being placed in Burn Out Boxes



Figure 2. The Bandimere Speedway near Denver, Colorado, USA

SUMMARY

Motor racing is a major global sport. This trial at Bandimere Speedway provides EdenCrete® an exceptional, high-profile opportunity to both demonstrate and promote the significant performance benefits that it can deliver under extreme conditions with other facilities around the world.

This trial is relevant to concrete used not only at drag racing facilities but also for a wide range of motor racing and other facilities where extreme abrasion occurs (including airport runways where significant wear from abrasion occurs during take-off and landing) in USA and around the world.

EdenCrete® Background

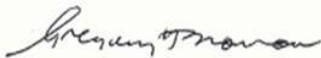
EdenCrete® products are Eden's 100% owned, proprietary carbon-strengthened concrete additives that enhance a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity,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

EdenCrete® is generally used in concrete that incorporates a high percentage of Ordinary Portland Cement (OPC or Portland cement) whilst EdenCrete® Pz is mostly used in concrete that incorporates a high percentage of pozzolans as an alternative cementitious material (including fly-ash and blast furnace slag which are each waste by-products from coal fired power stations and metal smelting respectively, thereby each being treated, as a waste by-product, as having a zero Greenhouse Gas footprint from its production process).

As a result, EdenCrete® Pz in particular has repeatedly shown it is capable of enabling the proportion of the Portland cement in the concrete to be replaced by a percentage of pozzolans with far lower Greenhouse Gas footprints, resulting in a reduction in the Greenhouse Gas footprint generated in the production of the various cementitious components used in the manufacturing of the concrete. Both products have been repeatedly shown to be suitable for use in ready-mix concrete, pre-cast and pre-stressed concrete, shotcrete, pumped concrete and volumetric concrete.

One of the primary target markets for EdenCrete® products is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges, ports, airports, and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions, heavy snow falls, and/or high levels of added salt or de-icing chemicals.

Since 2015, EdenCrete® products have been sold in the USA and more recently also in Australia and a growing number of other countries. They have successfully and repeatedly delivered a wide range of benefits when incorporated into concrete that is used in many different applications, including low-rise, medium-rise and high-rise building construction, roads and bridges, ports/marine/coastal applications, bus stations, carparks, water pipes, hardstand areas, waste transfer stations, warehouses, shotcrete applications, stadiums, and pre-stressed and pre-cast concrete products.



Gregory H. Solomon

Executive Chairman

This announcement was authorised by the above signatory.

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