

CREST HFS

High Friction Surfacing (HFS)

DESCRIPTION

This premium synthetic aggregate is an inert, non-metallic, predominantly crystalline product consisting of calcium silicates with fused oxides of iron and aluminium, produced from Electric Arc Furnace Slag. This material broadcast over Crest Cormix "ASP1000 Binder", provides long term high PSV protection.

PRODUCT ADVANTAGES

- **Tough and hard wearing**
- **High Skid Resistance values for longer** - demonstrated high PSV with minimal drop off skid resistance over life of product.
- **Superior quality finish** - excellent particle interlocking and consistency of size & shape
- **Resilient Binders** for the toughest applications

TYPICAL APPLICATIONS

HFS products can be used in various applications to take advantage of its long-term skid resistance properties, and is especially ideal for any surface where additional skid resistance will improve safety, including approaches to traffic lights, school crossings, roundabouts, steep gradients and other high braking areas.

Excellent substitute for Calcined Bauxite and other high PSV natural aggregate.

ENVIRONMENTAL BENEFITS

- **Effective Reuse of an industrial co-product** to produce a synthetic, with lessened dependence on natural quarried aggregates
- **Highly consistent composition** with extremely low leach able component, demonstrated by independent historical testing data.

PHYSICAL PROPERTIES (Indicative only)

| | | | |
|------------------------------------|----|--|-------|
| Average PSV (0 Wheel Passes) | 77 | Average Texture Depth (0 Wheel Passes) | 2.2mm |
| Average PSV (100,000 Wheel Passes) | 70 | Average Texture Depth (100,000 Wheel Passes) | 1.7mm |



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TYPICAL GRADING

| | | | | |
|---------------------|------|------|------|-------|
| AS Sieve Size (mm) | 4.75 | 3.35 | 1.18 | 0.075 |
| Percent Passing (%) | 100 | 95 | 5 | <1 |

OTHER PROPERTIES

Material pH is approximately 10.6, and consideration should be given if used in and around acid environments. Please refer to individual SDS for "EAF Slag".

MSDS

SDS information sheets are available on request to Crest Cormix Pty Ltd.

DISCLAIMER: The information supplied in this Product Profile is believed to be accurate for general consideration. Crest Cormix Pty Ltd does not warrant or guarantee the accuracy or reliability and will not be liable for any loss or damage arising out of the use of such data. Users should examine and determine suitability of product for the circumstances proposed for use. This information is furnished upon the understanding that the user shall obtain specific advice and/or carry out tests to determine the suitability for a particular purpose and for specific site and application conditions. The specification data, although current at the time of publication, is subject to change due to process improvements.

**For the latest product specifications or usage updates please contact
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