

Benedict Stabilised Sand

Product Code	STABILISED SAND
Source	BENEDICT Belrose
Disclaimer	The product data contained in this Product Data Sheet is applicable to Benedict Sand & Gravel materials and is current at the time of publication. Benedict Sand & Gravel reserves the right to vary product specifications without notice. The data contained within this sheet supersedes all previous information.
Description	A minus 5mm washed sand (produced from the crushing and subsequent washing of VENM Hawkesbury Sandstone) is blended with cement to the customers request. Common percentages of stabilisation include, but are not limited to 4% (25:1), 8% (12:1), 10% (10:1).
Components	Washed sand blended with cement to customers request.
Uses	> Pipe embedment under pavements
Benefits	> High strength > Easily compacted with machinery > Reduced road subsidence above new pipe installations.
Transport & Placement	<p>Material set time is moisture and temperature sensitive, therefore blended material must be used immediately upon delivery to the site. Not recommended for use on hot days as material will set very quickly. Ensure that the material remains moist at all times during transport and placement. It is recommended that the material be discharged from the truck into stockpiles or directly into the location where it will be finally used.</p> <p>Storage of stabilised blends is not recommended as once the material has set, reworking of the blends will not reactivate the cement component.</p> <p>Failure to place the material before the cure of the cement will decrease the expected strength benefits.</p> <p>If particle segregation occurs the material must be remixed prior to placement to achieve a homogenous blend of all components.</p> <p>Each truckload of material is delivered with a delivery docket identifying the material type and the tonnage of material delivered.</p> <p>It is suggested that the material is placed in 100mm layers and compacted using a static roller, vibrating plates and/or drum rollers.</p>

Benedict Stabilised Sand Contd.

Safety & Handling

Description

This product is composed of siliceous rock types, which includes, but is not limited to silica and alumino-silicates.

Risk

Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma to pneumonia-like illnesses. Direct contact with this material or this dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis) and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those with weak immune defence.

Safety

Avoid contact with eyes and skin. Avoid breathing dust/and or liquid mists (bioaerosols). Wear suitable protective clothing and standard duty gloves (AS 2162.2). If exposed to dust and/or liquid mists, wear dust resistant eye protection (AS/NZS 1336) and a particulate respirator (AS/NZS 1715 and 1716). Wash thoroughly immediately after handling. Wash work clothes regularly. Clean up by wet sweeping or vacuuming.

First Aid

Irrigate eyes with plenty of water for 10 minutes. Wash skin with soap and water. For inhalation, remove to fresh air. Seek medical attention for any persistent skin, eye or respiratory symptoms.

Note: Please refer to the appropriate Material Safety Data Sheet for more specific safety and handling information.

Complimentary Products

Benedict **NoFines**™ Bedding Gravel

Alternative Products

Washed Sand, Compaction Sand, Bedding Sand

Technical Enquiries

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