

**Benedict Sandstone Road Base**

<b>Product Code</b>	<b>75CSS</b>
<b>Source</b>	BENEDICT Belrose
<b>Disclaimer</b>	<b>The product data contained in this Product Data Sheet is applicable to Benedict Sand &amp; Gravel materials and is current at the time of publication. Benedict Sand &amp; Gravel reserves the right to vary product specifications without notice. The data contained within this sheet supersedes all previous information.</b>
<b>Description</b>	Nominal 75mm Crushed Hawkesbury Sandstone
<b>Components</b>	100% crushed Hawkesbury Sandstone
<b>Uses</b>	<ul style="list-style-type: none"><li>&gt; Foundation under concrete slabs</li><li>&gt; Pavement Sub Gradeo<ul style="list-style-type: none"><li>• RTA Select Fill Type A</li><li>• Clean Compactable Fill</li></ul></li></ul>
<b>Benefits</b>	<ul style="list-style-type: none"><li>&gt; Natural material free from contamination</li><li>&gt; Even particle size distribution</li><li>&gt; Easily compacted with machinery</li></ul>

**Benedict Sandstone Road Base Contd.**

Test Method	PHYSICAL PROPERTIES	TYPICAL RESULT	SPECIFICATION
RTA T106	<b>% Passing A.S. sieve</b>		
	100mm	100	
	90mm	100	
	75mm	97	<b>95-100</b>
	63mm	85	<b>95-100</b>
	53mm	80	<b>95-100</b>
	37.5mm	72	<b>95-100</b>
	26.5mm	65	<b>95-100</b>
	19mm	54	<b>50-85</b>
	13.2mm	49	<b>50-85</b>
	6.7mm	44	<b>40-80</b>
	4.75mm	43	<b>40-80</b>
	2.36mm	41	<b>35-70</b>
RTA 108 & 109	Plasticity Index	0.0	<b>Max. 12</b>
RTA T111	Maximum Dry Density (t/m <sup>3</sup> )	2.05	
RTA T114	Maximum Dry Compressive Strength (MPa)	3.6	<b>Max. 2</b>
RTA T117	<b>California Bearing Ratio (%)</b>		
	2.5mm	45	<b>Min. 15</b>
	5.0mm	60	<b>Min. 15</b>
RTA T276	Optimum Moisture Content (%)	10.4	

**Transport & Placement**

Ensure that the material remains moist at all times during transport and placement. Material may be discharged from the truck into stockpiles or directly into the location where it will be finally used. If drying or particle segregation occurs the material must be remoistened and mixed prior to placement to achieve a homogenous blend of all components. Each truckload of material is delivered with a delivery docket identifying the material type and the tonnage of material delivered.

## Benedict Sandstone Road Base 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. 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

See Benedict **NoFines™ Bedding Gravel** and Benedict **SmartMix™ 2 and 3**

### Alternative Products

Benedict 20mm **NoFines™ Road Base**, Benedict 20mm Recycled Road Base

### Technical Enquiries

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