

## PRODUCT DATA SHEET – SUPPORT GRAVELS

Source: Wexford  
 Geology: Marine Deposit  
 Production Process: Double Washed and Screened  
 Shape: Sub-rounded to rounded

### Description

The gravel shall be clean, washed and screened to remove the majority of fines, silts and clay particles. The gravel will be from a natural uncrushed source with sub-rounded to rounded particle shape. The gravel will be resistant to degradation during normal handling, placing and commissioning works.

### Specification

<b>Silica Content</b>	>90%
<b>Grain Shape</b>	Sub-rounded - rounded
<b>Silt/Clay Content</b>	<0.50% W/W

## 6-12mm Support Gravel

### Grading Envelope

Sieve Size	% Passing	Typical Grading
14	100	100
11.2	85-100	95
8	25-85	45
6.3	0-25	15
4	0-5	2
2	0-1	0.4

### Petrographic Analysis

	%
Quartz	50
Quartzite	18
Recrystallised Sandstone	8
Chert / Tuff	19
Schist	2
Weathered Granite	2
Limestone	2
Ironstone	<1

Particle Shape – Sub Angular to Rounded

Loss on Ignition: 0.94%

Acid Solubility: <0.1%

Silica Content: 95.8%

Mohs: 7

Specific Gravity 2.60 tonnes per M<sup>3</sup>

Bulk Density 1.65 tonnes per M<sup>3</sup>

Organic Content < 0.5%

Manufactured to BS EN 12904: 2005

Actual grading results are determined and recorded for each production run. These results are available on request.

Following installation all support gravels should be thoroughly flushed in the filter before the installation of the sand layer.

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