

## **PRODUCT DATA SHEET – SUPPORT GRAVELS**

Source: Mid Tyrone  
 Geology: Recent Glacial  
 Production Process: Double Washed and Screened  
 Shape: Sub-angular to Sub-rounded  
 Typical Colour: Mixed Brown and Grey

### **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-angular to sub-rounded grains. The gravel will be resistant to degradation during normal handling, placing and commissioning works.

### **Specification**

<b>Silica Content</b>	>80%
<b>Grain Shape</b>	Sub-angular - Sub-rounded
<b>Silt/Clay Content</b>	<0.50% W/W

<b>MINERAL</b>	<b>APPROX WEIGHT %</b>
Quartz	39.9
Feldspar	46.3
Sheet silicate minerals	5.2
Hematite	1.7
Amphibole	1.7
Pyroxene	2.5
Hydrous iron oxides	2.0
Calcite	0.7
Dolomite	0.0

## **4 – 8 mm Support Gravel**

### **Grading Envelope**

<b>Sieve Size</b>	<b>% Passing</b>	<b>Typical Grading</b>
10	97-100	99
8	85-100	95
6.3	15-70	45
4	0-10	5
2	0-2	0.5

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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