

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

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

MINERAL	APPROX WEIGHT %
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

Sieve Size	% Passing	Typical Grading
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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