



**M W Johnston & Son**  
11 Leverogue Road  
LISBURN  
BT27 5PP


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EN 13043

**Aggregates for bituminous mixes and surface treatments for roads, airfields and other trafficked areas**  
**Material Type - Greywacke**

**G<sub>C</sub> 80/20**

Particle Size	2/6.3
Particle Shape	FI <sub>50</sub>
Percentage of crushed particles/broken surfaces	C NPD
Particle Density	2.71 Mg/m <sup>3</sup>
Water Absorption	0.7 %
Cleanliness (MB)	MB NPD
Resistance To Fragmentation (Los Angeles Abrasion)	LA <sub>15</sub>
Resistance To Polishing (PSV)	PSV <sub>57</sub>
Resistance To Abrasion (AAV)	AAV <sub>10</sub>
Resistance To Wear (Micro Deval)	M <sub>DE</sub> 25
Durability against freeze thaw	WA24 2
Affinity to Bituminous Binders (Degree of bitumen coverage)	NPD
Durability against weathering	NPD
Durability against thermal shock	NPD
Release of other dangerous substances	NPD

<b>Declaration of Conformity</b>	M W Johnston & Son declare that this aggregate complies with the requirements of EN 13043
<b>Authorised By</b>	 (Kelvin Johnston, Partner)
<b>Date of Issue</b>	01.04.13

No hazardous substances have been identified in M W Johnston & Son's products other than fine dust - inhaling dust may lead to respiratory problems and respiratory protection should be worn.