



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_C 85/20

Particle Size	10/20
Particle Shape	<i>FI</i> ₂₀
Percentage of crushed particles/broken surfaces	C NPD
Particle Density	2.71 Mg/m ³
Water Absorption	0.7 %
Cleanliness (MB)	MB NPD
Resistance To Fragmentation (Los Angeles Abrasion)	<i>LA</i> ₁₅
Resistance To Polishing (PSV)	<i>PSV</i> ₅₇
Resistance To Abrasion (AAV)	<i>AAV</i> ₁₀
Resistance To Wear (Micro Deval)	<i>M</i> _{DE 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

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