




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

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EN 12620
Aggregates for concrete
Material Type - Greywacke

G_C 85/20

Particle Size	10/20
Particle Shape	<i>FI</i> ₂₀
Fines Quantity	<i>f</i> _{1.5}
Shell Content	NR
Particle Density (SSD)	2.71 Mg/m ³
Water Absorption	0.7 %
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}
Drying Shrinkage	0.03 %
MSSV	<i>MS</i> ₁₈ MS
Water-Soluble Chlorides	<0.01 %
Acid Soluble Sulfate	0.06 %
Total Sulfar	0.18 %
Carbonate Content	NPD
Constituents that alter the rate of setting and hardening of hydraulically bound mixtures.	NPD
ASR	NPD
Release of heavy metals	NPD
Release of polyaromatic carbons	NPD
Release of other dangerous substances	NPD

Declaration of Conformity	M W Johnston & Son declare that this aggregate complies with the requirements of EN 12620
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.