

**DECLARATION OF PERFORMANCE  
CE207**



1. Product Type: **Dalbeattie Grano**  
 2. Identification Code: **250**  
 3. Intended Use: **Aggregates for Concrete**  
 4. Manufacturer: **Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY**  
 5. Authorised Representative: **Not applicable**  
 6. AVCP: **System 4**  
 7. Harmonised Standard: **EN 12620:2013**  
 8. ETA: **Not applicable**  
 9. Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Particle shape	FI NR	EN 12620:2013
Particle size	NPD	
Particle density	NPD	
<b>Cleanliness</b>		
Fines content	NPD	
Fines quality	NPD	
Shell content	SC 17	
Resistance to fragmentation / crushing	NPD	
Resistance to polishing	NPD	
Resistance to abrasion	NPD	
Resistance to wear	NPD	
<b>Composition/content</b>		
Composition of coarse recycled aggregate	NPD	
Chlorides	< 0.01%	
Acid soluble sulphates	AS 0.2	
Total sulphur	NPD	
Water Soluble Sulphate Content of Recycled Aggregate	NPD	
Constituents which alter the rate of setting of hardening concrete	NPD	
Influence of recycled aggregates on initial setting time of cement	NPD	
Carbonate content	NPD	
<b>Volume Stability</b>		
Drying Shrinkage	NPD	
Constituents which affect the volume stability of air-cooled blast furnace slag	NPD	
<b>Water absorption</b>	NPD	
<b>Emission of radioactivity</b>	NPD	
<b>Release of heavy metals</b>	NPD	
<b>Release of polyaromatic carbons</b>	NPD	
<b>Release of other dangerous substances</b>	NPD	
<b>Durability against freeze-thaw</b>	NPD	
<b>Durability against alkali-silica reaction</b>	NPD	

NPD = No property declared

10. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 9.

*This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in 4.*

Signed on behalf of the manufacturer:

A Denham (Managing Director)  
Flimby, Cumbria 1st June 2013



Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY

13

CE207

EN 12620:2013

**Dalbeattie Grano**

Product Code: 250

Particle shape	FI NR
Particle size	NPD
Particle density	NPD
<b>Cleanliness</b>	
Fines content	NPD
Fines quality	NPD
Shell content	SC 17
Resistance to fragmentation / crushing	NPD
Resistance to polishing	NPD
Resistance to abrasion	NPD
Resistance to wear	NPD
<b>Composition/content</b>	
Composition of coarse recycled aggregate	NPD
Chlorides	< 0.01%
Acid soluble sulphates	AS 0.2
Total sulphur	NPD
Water Soluble Sulphate Content of Recycled Aggregate	NPD
Constituents which alter the rate of setting of hardening concrete	NPD
Influence of recycled aggregates on initial setting time of cement	NPD
Carbonate content	NPD
<b>Volume Stability</b>	
Drying Shrinkage	NPD
Constituents which affect the volume stability of air-cooled blast furnace slag	NPD
<b>Water absorption</b>	NPD
<b>Emission of radioactivity</b>	NPD
<b>Release of heavy metals</b>	NPD
<b>Release of polyaromatic carbons</b>	NPD
<b>Release of other dangerous substances</b>	NPD
<b>Durability against freeze-thaw</b>	NPD
<b>Durability against alkali-silica reaction</b>	NPD

NPD = No property declared

See also Declaration of Performance

CE207