

**DECLARATION OF PERFORMANCE**  
**CE203**



1. Product Type: **Concrete Sand**  
 2. Identification Code: **20**  
 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 13       |                                    |
| 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

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CE203

EN 12620:2013

**Concrete Sand**

Product Code: 20

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| Composition of coarse recycled aggregate  | NPD     |
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| 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     |

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See also Declaration of Performance

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