

P Hennessy & Co. Ltd Sheastown , Co. Kilkenny

Ph: 056-7727223

Fax: 056-7727176

Email: hennessyconcrete@eircom.net

DECLARATION OF PERFORMANCE



0050

**P Hennessy & Co. Ltd
Sheastown , Co. Kilkenny**

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0050-CPR - 0765

1. Unique identification code of the product type:

Aggregates for Concrete

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

EN 12620:Aggregates for Concrete

3. Name, registered trade name or registered trade mark and contact address of the manufacturer:

P Hennessy & Co. Ltd

Sheastown, Co Kilkenny.

4. System of assessment and verification of constancy of performance:

System 2+

5. Standard applied to verification testing:

EN 12620: Aggregates for Concrete

S.R.16: Guidance on the use of EN 12620: Aggregates for Concrete

6. Declared performance:**Geometrical properties:**

Coarse Aggregates

| Gradings to EN 933-1: | | Target Percentage passing by mass | | | | |
|-----------------------|----------|-----------------------------------|------------------|-------------------|-----------------|----------------|
| Product Size (d/D) | Category | 2D | 1,4D | D | d | d/2 |
| 20mm | GC 85/20 | 40mm (100) | 28mm (98-100) | 20mm (85-99) | 14mm (15-35) | 10mm (0-20) |
| 14 mm | GG 85/35 | 20mm (100) | 14mm (98-100) | 12.5mm (85-99) | 10mm (20-50) | 4mm (0-20) |

Flakiness Index to EN 933-3

Aggregates conform to **Cat FI₂₀**

**Harmonised
European
Standard**

| Characteristics | Performance Declared Value / Category | | EN 12620 |
|--|--|--|-----------------------------------|
| Resistance to Fragmentation to EN 1097-2 (Los Angeles coefficient) | | | LA25 |
| Particle Density & Water Absorption to EN 1097-6 | Apparent Density: 2.70Mg/m ³ S.S. Dry Density: 2.63 Mg/m ³ Oven dry Density: 2.59 Mg/m ³ Water Absorption: 1.6 % | | |
| Drying Shrinkage - Coarse | 0.020% | | |
| Drying Shrinkage - Fine | 0.021% | | |
| Chemical properties: | | | |
| Chlorides – to clause 7) | <0.001% | | Chemical properties: EN 1774-1 |
| Acid Soluble Sulphate - to clause 12 | ASS = < 0.2% | | |
| Total Sulphur - to clause 11 | TS = < 0.1% | | |
| Water Soluble Sulphate | WS = < 0.1% | | |
| Magnesium Sulphate | 8 | | |

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| <i>Brendan Murphy</i> | Title: Quality Laboratory | Date: Issued: June 2018 Rev 4 |
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