



## **Frimstone Ltd**

### **CPR Declaration of Performance (DoP)**

**DoP reference:**

A41 DOP

- 1. Unique identification code of the product type (in combination with point 2):**  
BS EN 13242:2002+A1:2007 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction
- 2. Identification of the construction product:**  
Cambridge 10/20 Gravel
- 3. Intended use:**  
BS EN 13242:2002+A1:2007  
Hydraulically bound and unbound materials for use in civil engineering and road construction
- 4. Company name:**  
Frimstone Ltd  
Ashcraft Farm,  
Crimplesham,  
Norfolk,  
PE33 9EB
- 5. Authorised representative:**  
Keith Porter (address as above)
- 6. System of assessment:**  
Attestation Level 4
- 7. Standard and notified body:**  
Not applicable. Attestation Level 4
- 8. European Technical Assessment (ETA):**  
Not applicable

continued...

## 9. Declared performance:

Essential Characteristics	Declared values	Test method
Aggregate size	10/20	Designation as section 4.2 BS EN 13242:2002+A1:2007
Grading	Gc80-20	EN 933-1, Section 4.3 Table 2, 3 or 4 (EN 13242)
Shape of coarse aggregate	NPD	EN 933-3, Section 4.4 Table 5 or 6 (EN 13242)
Particle density	NPD	EN 1097-6, clauses 7, 8 or 9
Water absorption	NPD	EN 1097-6, clauses 7, 8 or 9
Fines content	NPD	Table 8 (EN 13242)
Fines quality	Non-harmful (clauses a-d Annex A)	Annex A (EN 13242)
Percentage of crushed or broken, and of totally rounded particles in coarse aggregate	NPD	EN 933-5, Section 4.5 Table 7 (EN 13242)
Resistance to fragmentation of coarse aggregate	NPD	EN 1097-2, clause 5, Section 5.2 Table 9 (EN 13242)
Resistance to wear of coarse aggregate	NPD	EN 1097-1, Section 5.3 Table 11 (EN 13242)
Classification of coarse recycled aggregate	Not applicable. Natural Aggregate.	peEN 933-11, Section 5.6 Table 12 (EN 13242)
Acid soluble sulfates	NPD	EN 1744-1, Section 6.2 Table 13 (EN 13242)
Total sulfur	NPD	EN 1744-1, Section 6.3 Table 14 (EN 13242)
Water soluble sulfate content of recycled aggregate	Not applicable. Natural Aggregate.	EN 1744-1, Section 6.4 Table 15 (EN 13242)
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	No organic substances (< clause a & b)	EN 1744-1 (presence) and Section 6.5.1 (effect), clause a & b (EN 13242)
Constituents which affect the volume stability of blast-furnace and steel slag for unbound aggregates	Not applicable. Not blast-furnace or steel slag aggregate.	EN 1744-1, Section 6.5.2 Table 16 (EN 13242)
Resistance to freezing and thawing	NPD	EN 1367-1 or EN 1367-2, Section 7.3.3, Tables 20 or 21 (EN 13242)
Sonnerbrand of basalt	Not applicable. Not basalt.	EN 1367-3 and EN 1097-2, Section 7.2 Table 17 (EN 13242)
Dangerous Substances	Regulatory Information. Not classified as dangerous. Consideration of the following risk & safety phrases is recommended: Risk Phrases: R36/37 - Irritating to eyes and respiratory system. Safety Phrases: S36/ 37/ 39 - Wear suitable protective clothing, gloves and eye /face protection. Inhalation: If inhaled over a prolonged or extended period, respirable dust from natural aggregate can lead to respiratory system damage and disease. Respirable crystalline silica has been associated with the lung disease silicosis. Skin Contact: Prolonged contact with skin may cause irritation and dryness, which may lead to dermatitis. Eye Contact: Particles of grit or dust from natural aggregates may irritate and scratch eyes. Ingestion: Unlikely to cause any problems	Not Dangerous. ZA.1. Council Directive 76/769/EEC
Declaration of Performance	In accordance with the CPR regulations, the Declaration of Performance (DoP) is held on our web site <a href="http://www.frimstone.co.uk/aggregates.php">http://www.frimstone.co.uk/aggregates.php</a> . The appropriate DoP is referenced A41DOP on the CE Regulations page.	CPR DoP Electronic Provision No. 305/2011

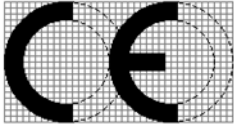
## 10. Declaration

The performance of the product identified in points 1 & 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for any on behalf of the manufacturer by Mr Keith Porter (Sales Manager), issued at the address given in point 4, 01 Jan 2018.

Signature: *Keith Porter*

## Supporting information:

The CE Mark below was issued with your delivery ticket, or accompanying documentation in accordance with the CPR regulations. Accompanying documentation may include the quotation, order acknowledgement or invoice (delivered either in hard-copy or electronic format within an email).

 18		<b>BS EN 13242:2002+A1:2007</b> CE Mark ref. A41 Dated 01 Jan 2018
<b>Aggregates for unbound and hydraulically bound materials</b>		
<b>Frimstone Ltd</b>		
<b>Ashcraft Farm, Crimlesham, Norfolk, PE33 9EB</b>		
<b>Source quarry and material description: Cambridge 10/20 Gravel</b>		
Intended use: Hydraulically bound and unbound materials for use in civil engineering and road construction		
Attestation Level 4		
Essential Characteristics	Declared values	Test method
Aggregate size	10/20	Designation as section 4.2 BS EN 13242:2002+A1:2007
Grading	Gc80-20	EN 933-1, Section 4.3 Table 2, 3 or 4 (EN 13242)
Shape of coarse aggregate	NPD	EN 933-3, Section 4.4 Table 5 or 6 (EN 13242)
Particle density	NPD	EN 1097-6, clauses 7, 8 or 9
Water absorption	NPD	EN 1097-6, clauses 7, 8 or 9
Fines content	NPD	Table 8 (EN 13242)
Fines quality	Non-harmful (clauses a-d Annex A)	Annex A (EN 13242)
Percentage of crushed or broken, and of totally rounded particles in coarse aggregate	NPD	EN 933-5, Section 4.5 Table 7 (EN 13242)
Resistance to fragmentation of coarse aggregate	NPD	EN 1097-2, clause 5, Section 5.2 Table 9 (EN 13242)
Resistance to wear of coarse aggregate	NPD	EN 1097-1, Section 5.3 Table 11 (EN 13242)
Classification of coarse recycled aggregate	Not applicable. Natural Aggregate.	peEN 933-11, Section 5.6 Table 12 (EN 13242)
Acid soluble sulfates	NPD	EN 1744-1, Section 6.2 Table 13 (EN 13242)
Total sulfur	NPD	EN 1744-1, Section 6.3 Table 14 (EN 13242)
Water soluble sulfate content of recycled aggregate	Not applicable. Natural Aggregate.	EN 1744-1, Section 6.4 Table 15 (EN 13242)
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	No organic substances (< clause a & b)	EN 1744-1 (presence) and Section 6.5.1 (effect), clause a & b (EN 13242)
Constituents which affect the volume stability of blast-furnace and steel slag for unbound aggregates	Not applicable. Not blast-furnace or steel slag aggregate.	EN 1744-1, Section 6.5.2 Table 16 (EN 13242)
Resistance to freezing and thawing	NPD	EN 1367-1 or EN 1367-2, Section 7.3.3, Tables 20 or 21 (EN 13242)
Sonnerbrand of basalt	Not applicable. Not basalt.	EN 1367-3 and EN 1097-2, Section 7.2 Table 17 (EN 13242)
Dangerous Substances	<small>Regulatory Information. Not classified as dangerous. Consideration of the following risk &amp; safety phrases is recommended: Risk Phrases: R36/37 - Irritating to eyes and respiratory system. Safety Phrases: S36/ 37/ 39 - Wear suitable protective clothing, gloves and eye /face protection. Inhalation: If inhaled over a prolonged or extended period, respirable dust from natural aggregate can lead to respiratory system damage and disease. Respirable crystalline silica has been associated with the lung disease silicosis. Skin Contact: Prolonged contact with skin may cause irritation and dryness, which may lead to dermatitis. Eye Contact: Particles of grit or dust from natural aggregates may irritate and scratch eyes. Ingestion: Unlikely to cause any problems</small>	Not Dangerous. ZA.1. Council Directive 76/769/EEC
Declaration of Performance	<small>In accordance with the CPR regulations, the Declaration of Performance (DoP) is held on our web site <a href="http://www.frimstone.co.uk/aggregates.php">http://www.frimstone.co.uk/aggregates.php</a>. The appropriate DoP is referenced A41DOP on the CE Regulations page.</small>	CPR DoP Electronic Provision No. 305/2011

Please contact us should you require any further information.