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BS EN 13139:2002 + Corr. 1

CE Mark ref. A19 Dated 01 Jan 2019

Aggregates for mortar

Frimstone Ltd

Ashcraft Farm, Crimlesham, Norfolk, PE33 9EB

Source quarry and material description: Worlington 0/2 Mortar Sand

Intended use: Mortar for buildings, roads and civil engineering works

Attestation Level 4

Essential Characteristics	Declared values	Test method
Aggregate size	0/2	Designation as section 5.2 BS EN 13139:2002+C1
Grading	Gf85	EN 933-1, Section 5.3 Tables 1 & 2 (EN 13139)
Particle shape	Not required for fine aggregates smaller than 4mm	EN 933-3, Section 5.4 (EN 13139)
Particle density	NPD	EN 1097-6
Water absorption	NPD	EN 1097-6
Shell content	Not required for fine aggregates smaller than 4mm	EN 933-7
Fines	Cat. 3	EN 933-1, Section 5.5 Table 4 (EN 13139)
Chlorides	NPD	EN 1744-1, clause 7
Acid soluble sulfates	AS _{0.2} (<0.2%)	EN 1744-1, clause 12, Section 7.3.1 Table 5 (EN 13139)
Total sulfur	<1% S	EN 1744-1, clause 11, Section 7.3.2 (EN 13139)
Water soluble matter	< 1% by mass	EN 1744-1, clause 16, Section 7.5.1 (EN 13139)
Constituents which alter the rate of setting and hardening of mortar	No organic substances (< clause a & b)	EN 1744-1, clause 15.1 (presence of organic matter) & Clause 15.3 (effect). Section 7.4, clause a & b (EN 13139)
Resistance to freezing and thawing	Not required for fine aggregates smaller than 4mm	No Test on 0/2mm sand, Section 6.2.3 (EN 13139)
Alkali-silica reactivity	NPD	CEN CR 1901
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 http://www.frimstone.co.uk/aggregates.php . The appropriate DoP is referenced A19 DOP on the CE Regulations page.	CPR DoP Electronic Provision No. 305/2011