



**Hills Quarry Products Ltd**

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**13**

**EN 13242 : 2013**

**Type B Drainage Material (Specification for Highway Works: SHW: Vol 1: Series 500)  
– Ex Woodsford Quarry**

Particle Shape	Category	(F <sub>I</sub> )	F <sub>INR</sub>
	Category	(S <sub>I</sub> )	S <sub>INR</sub>
	Category	(E <sub>CS</sub> )	E <sub>CSNR</sub>
Particle Size	Designation	(d/D)	20/40 & Gc80-20 & G <sub>TNR</sub>
Particle Density	Declared Value	(Mg/m <sup>3</sup> )	NPD
Cleanliness - Fines content	Category	(f <sub>(%)</sub> )	F <sub>NR</sub>
Cleanliness - Fines quality	Category	(MB)	MB <sub>NR</sub>
Cleanliness - Fines quality	Category	(SE)	SE <sub>NR</sub>
Percentage of Crushed Particles	Category	(C)	C <sub>NR</sub>
Resistance to Fragmentation/Crushing	Category	(LA)	NPD
Volume stability - Constituents which affect the volume of stability of air-cooled blast furnace slag	Category	Appearance	V <sub>NR</sub>
Water Absorption/Suction	Declared value	(mass in fraction %)	NPD
Composition/Content – Classification of coarse recycled aggregates	Category	(R <sub>C</sub> )	R <sub>CNR</sub>
Composition/Content – Classification of coarse recycled aggregates	Category	(X)	X <sub>NR</sub>
Composition/Content – Classification of coarse recycled aggregates	Category	(FL)	FL <sub>NR</sub>
Composition/Content – Water soluble sulphates of recycled aggregates	Category	(SS)	SS <sub>NR</sub>
Composition/Content – Acid soluble sulphates	Category	(AS)	AS <sub>0.2</sub>
Composition/Content – Total sulphur	Category	(S)	S <sub>NR</sub>
Composition/Content – Constituents which alter the rate of setting and hardening of concrete	Pass/fail threshold value	Stiffening Time(in min)	A <sub>NR</sub>
Composition/Content – Constituents which alter the rate of setting and hardening of concrete	Pass/fail threshold value	Compressive Strength S%	NPD
Resistance to attrition	Category	(M <sub>DE</sub> )	M <sub>DENR</sub>
Emission of Radioactivity	Declared value as requested		NPD
Release of Heavy Metals	Threshold values valid in the place of use		NPD
Release of Poly Aromatic Hydrocarbons	Threshold value valid in the place of use		NPD
Release of Other Dangerous Substances	Threshold value valid in the place of use		NPD
Durability Against Freeze Thaw	Category	(MS)	MS <sub>NR</sub>

**Declaration of Conformity**

**Hills Quarry Products Ltd confirms that the aggregate referred to within this CE certificate complies with the requirements of BS EN 13242:2013**

**Authorised By:**

**Andrew J Liddle FIQ  
Production Manager**

**Date Valid From:**

**11 February 2013**

**Date Valid to:**

**Currently Valid**

**Date of Certificate Issue:**

**15 August 2013**

**\*NPD = No Performance Determined**

**\*NR = No Requirement**

**\*\*PDAR=Product Data Available on Request**