

MIDDLETON AGGREGATES LTD

Suppliers of Aggregates, Fill Materials and Plant Hire to the Construction Industry

Declaration of Performance

No: MAL011

1) Product Type:

**Aggregates for Concrete
0/10 Graded Aggregate**

2) Type, Batch or Serial No:

Pentney 0/10 All in Aggregate

3) Intended Use:

As an Aggregate for use as an ingredient in Concrete products or similar

4) Name of manufacturer:

**Middleton Aggregates Ltd
Mill Drove, Blackborough End,
Kings Lynn, Norfolk. PE32 1SW**

5) Contact Name:

Sales Manager, Mr Andy Fenwick, at the above address.

6) System of Assessment: (as per the Construction Products Regulations)

System 4

7) Covered by the Following Harmonised Standards:

**EN 12620-2002
Aggregates for Concrete**

8) Declared Performance:

Please see the following page:

QCF 09	Issue 2 January 2015	REF: MAL011
EN 12620		
Aggregates for concrete		
Particle Size Distribution	0/10 Ga90 All in Aggregate	
20mm	100 - 100 %	
14mm	98 - 100 %	
10mm	90 - 99 %	
4mm	50 - 90%	
1mm	20 - 60 %	
Particle Density	2.62 Mg/m³	
Cleanliness		
Fines Quality	f 3.0%	
Shell content	NPD	
Resistance to fragmentation/crushing	NPD	
Resistance to polishing	NPD	
Resistance to abrasion	NPD	
Resistance to wear	NPD	
Composition /content		
Chlorides	<0.01%	
Acid soluble sulphates	AS_{0.03%}	
Total sulphur	NPD	
Carbonate content	NPD	
Volume Stability		
Drying shrinkage	0.031%WS	
Water absorption	1.4%WA	
Emission of radioactivity	NPD	
Release of heavy metals	NPD	
Release of polyaromatic carbons	NPD	
Release of other dangerous substances	NPD	
Durability against freeze/thaw	NPD	
Durability against alkali silica reactivity	NPD	
	NPD = No property declared	

9): The performance of the product in points 1 and 2 is in conformity of the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the quarry operator identified in point 4.

Signed for and on behalf of the quarry operator by:
Mr Martin F Freestone, Production Manager



21st January 2015



Middleton Aggregates Ltd
Mill Drove, Blackborough End, Kings Lynn, Norfolk. PE32 1SW
 13

D.O.P REF: MAL011

EN 12620
Aggregates for Concrete

Particle size	Designation	(d/D)
Particle Density	Declared value	(Mg/m ³)
Cleanliness		
Fines quality	Pass/fail threshold value	(%)
	Category	(MB,SE)
Shell content		NPD
Resistance to Fragmentation/Crushing	Category	NPD
Resistance to polishing		NPD
Resistance to abrasion		NPD
Resistance to wear		NPD
Composition/content		
Chlorides	Declared Value	(% C)
Acid soluble sulfates	Category	(e.g.AS _{0,2})
Total sulphur		NPD
Constituents which alter the rate of setting and hardening of concrete		NPD
Carbonate content		NPD
Volume Stability		
Drying shrinkage	Pass/fail threshold value	(% S)
Constituents which affect the volume stability of air-cooled blast furnace slag		NPD
Water absorption	Declared Value	(% WA)
Emission of radioactivity		NPD
Release of Heavy metals		NPD
Release of polyaromatic carbons		NPD
Release of other dangerous substances		NPD
Durability against freeze-thaw		NPD
Durability against alkali-silica reactivity		NPD