

# MIDDLETON AGGREGATES LTD

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

## Declaration of Performance

**No: MAL007**

1) Product Type:

**Aggregates for Mortar  
0/2FP**

2) Type, Batch or Serial No:

**East Winch 0/2 Sand**

3) Intended Use:

**As an Aggregate for use as an ingredient in mortar**

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 13139  
Aggregates for Mortar**

8) Declared Performance:

**Please see the following page:**

<b>QCF 09</b>	<b>Issue 2 January 2015</b>	<b>REF: MAL007</b>
<b>EN 13139</b>		
<b>Aggregate for Mortar</b>		
<b>Particle Size</b>	<b>0/2 FP</b>	
<b>Particle Size Distribution</b>	<b>0/2 Sand</b>	
<b>4mm</b>	<b>100 - 100 %</b>	
<b>2.8mm</b>	<b>95 - 100 %</b>	
<b>2mm</b>	<b>85 – 99 (±5) %</b>	
<b>0.5mm</b>	<b>55 - 100 %</b>	
<b>0.063mm</b>	<b>(±5)</b>	
<b>Particle Density</b>	<b>2.63 Mg/m<sup>3</sup></b>	
<b>Cleanliness</b>		
<b>Fines Quality</b>	<b>f 5.0%</b>	
<b>Shell content</b>	<b>NPD</b>	
<b>Composition /content</b>		
<b>Chlorides</b>	<b>NPD</b>	
<b>Acid soluble sulphates</b>	<b>AS<sub>0.03%</sub></b>	
<b>Total sulphur</b>	<b>NPD</b>	
<b>Volume Stability</b>	<b>NPD</b>	
<b>Drying shrinkage</b>	<b>NPD</b>	
<b>Water absorption</b>	<b>0.4%WA</b>	
<b>Emission of radioactivity</b>	<b>NPD</b>	
<b>Release of heavy metals</b>	<b>NPD</b>	
<b>Release of polyaromatic carbons</b>	<b>NPD</b>	
<b>Release of other dangerous substances</b>	<b>NPD</b>	
<b>Durability against freeze/thaw</b>	<b>NPD</b>	
<b>Durability against alkali silica reactivity</b>	<b>NPD</b>	
	<b>NPD = No property declared</b>	

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



21<sup>st</sup> January 2015



**Middleton Aggregates Ltd**  
**Mill Drove, Blackborough End, Kings Lynn, Norfolk. PE32 1SW**  
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D.O.P REF: MAL007

**EN 13139**  
**Aggregate for Mortar**

<b>Particle size</b>	Designation	(d/D)
<b>Particle Density</b>	Declared value	(Mg/m <sup>3</sup> )
<b>Cleanliness</b>		
Fines quality	Pass/fail threshold value	(%)
	Category	(MB,SE)
Shell content		NPD
<b>Composition/content</b>		
Chlorides	Declared Value	NPD
Acid soluble sulfates	Category	(e.g.AS 0,2)
Total sulphur		NPD
Constituents which alter the rate of setting and hardening of mortar		NPD
<b>Volume Stability</b>		
Drying shrinkage	Pass/fail threshold value	(% S)
<b>Water absorption</b>	Declared Value	(% WA)
<b>Emission of radioactivity</b>		NPD
<b>Release of Heavy metals</b>		NPD
<b>Release of polyaromatic carbons</b>		NPD
<b>Release of other dangerous substances</b>		NPD
<b>Durability against freeze-thaw</b>		NPD
<b>Durability against alkali-silica reactivity</b>		NPD