



Declaration of Performance



**MALONEY QUARRIES LIMITED**  
**COLLAGH, MEELICK, SWINFORD, CO. MAYO**

Confirms that:

**0/31.5 AGGREGATES FOR HYDRAULICALLY BOUND AND UNBOUND MATERIAL FOR CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION**  
**(ANNEX E MATERIAL FOR USE UNDER CONCRETE FLOORS AND FOOTPATHS)**  
 CONFORMS TO THE HARMONISED EUROPEAN STANDARD EN13242:2013  
 PROVISION TO WHICH THE PRODUCT CONFORMS: STANDARD EN13242:2013 (4)

<b>PARTICLE SHAPE</b>	CATEGORY	<i>F<sub>20</sub></i>
<b>PARTICLE SIZE</b>	CATEGORY	0/31.5
	CATEGORY	OC80
	TOLERANCE CATEGORY	GTc 20/15
<b>PARTICLE DENSITY</b>	DECLARED	2.68Mg/m <sup>3</sup>
<b>CLEANLINESS</b>		
<b>FINES QUALITY</b>	CATEGORY	PASS
<b>FINES CONTENT</b>	CATEGORY	<i>f<sub>d</sub></i>
<b>PERCENTAGE OF CRUSHED PARTICLES</b>	CATEGORY	C <sub>100/0</sub>
<b>RESISTANCE TO FRAGMENTATION</b>	CATEGORY	LA <sub>30</sub>
<b>COMPOSITION CONTENT</b>		
<b>CHLORIDES</b>	DECLARED	0.0013 CL
<b>COMPOSITION OF COARSE RECYCLED AGGREGATE</b>	DECLARED	NIL
<b>ACID SOLUBLE SULFATES</b>	CATEGORY	AS <sub>0,2</sub>
<b>TOTAL SULFUR</b>	DECLARED	0.08% S
<b>VOLUME STABILITY</b>		
<b>DRYING SHRINKAGE</b>	DECLARED	0.040%
<b>WATER ABSORPTION</b>	DECLARED	1.8%
<b>CONSTITUENTS WHICH ALTER THE RATE OF SETTING AND HARDENING OF HYDRAULICALLY BOUND MIXTURES</b>	DECLARED	NPD

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE IS IN CONFORMITY WITH THE DECLARED VALUES WHEN INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND GENERAL PURPOSE.

SIGNED ON BEHALF OF THE MANUFACTURER:

FULL NAME: THOMAS P MALONEY

POSITION: QUARRY MANAGER

DATE: 23/02/2015