

**Declaration of Performance**  
DoP/CQ/13383/R2/4

1	Unique identification of the product-type  <b>R2/4</b> Carnsew Quarry	
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)  <b>Armourstone</b> <b>HMA2000/4000</b>	
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  <b>Armourstone</b>	
4	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):  <b>Colas Ltd, Rowfant, Crawley, West Sussex RH10 4NF</b>	
5	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  <b>Not Applicable</b>	
6	System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:  <b>System 4</b>	
7	Not Applicable	
8	Not Applicable	
9	Declared Performance <span style="float:right">Harmonised Technical Specification EN 13383:2002</span>	
	Essential characteristics	Performance
1. Particle shape, size and density	Particle Size Distribution or Mass Distribution	HMA2000/4000
	Shape	LTA
	Particle Density	2.62
2. Resistance to breakage	Resistance to Breakage	NPD
3. Resistance to attrition	Resistance to Wear	MDE10
4. Petrographic description	Rock Type	Granite
5. Release of dangerous substances	Dangerous Substances	NPD
6. Durability against weathering	Dicalcium silicate disintegration of air cooled blast furnace slag	NPD
	Iron disintegration of air cooled blast furnace slag	NPD
	Volume stability of steel slag	NPD
7. Durability against freeze-thaw	Resistance to Freezing and Thawing	FTA
8. Durability against salt crystallisation	Resistance to Salt Crystallisation	MS25
9. Durability against "Sonnenbrand" of basalt	Sonnenbrand	NPD
10	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.	
	Signed for and on behalf of the manufacturer by:	
	Name & Function	Stewart Struthers <span style="float:right">Deputy CEO &amp; Director - Products &amp; Processes</span>
	Place & Date of Issue	Carnsew Quarry <span style="float:right">26/09/2018</span>
	Signature	