

## DECLARATION OF PERFORMANCE

Certificate ID.	110A3241G/B088/2013
Unique identification code of the product type	32/50mm Railway Ballast (CAT Gc RB A)
Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4)	110A3241G
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Aggregates for Railway Ballast
Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	Tarmac Limited, Portland House, Bickenhill Lane, Solihull, Birmingham B37 7BQ
System of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V	System 4
In case of the declaration of performance concerning a construction product covered by a harmonised standard	Not Applicable

### ESSENTIAL CHARACTERISTICS

BS EN 13450

ESSENTIAL CHARACTERISTICS	PERFORMANCE	
Particle shape, size and density	Railway ballast size	31.5/50
	Grading	Gc RB A
	Particle shape	FI 20
	Particle density	2.98 Mg/m <sup>3</sup>
Resistance to fragmentation	Resistance to fragmentation	LARB 14
Resistance to attrition	Resistance to wear of coarse aggregate	MDERB 9
Cleanliness	Fines content	fRB A
Dangerous substances:	NOTE in ZA.1	
Durability against freeze-thaw	Resistance to freezing & thawing	MSRB 6
Durability against weathering	Sonnenbrand	SBRB LA

### DECLARATION

The performance of the product is in conformity with the declared performance issued under the sole responsibility of Tarmac.

Authorised by	Signed	Plant code	
		Material Code	
		Date	
		Time	

David Markham  
 Senior Manager - Asphalt Technology