

## Declaration of Performance

### DoP No. 029

1. Unique identification code of product type: **Aggregates for Concrete EN 12620**
2. Type, batch or serial number or any other element allowing identification of the construction product:  
**10/20mm Single Size Concrete Aggregate Gravel.**
3. Intended use: **Preparation of concrete for use in buildings, roads and other civil engineering works**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:-  
**Tarmac Building Products Limited, i10, Railway Drive, Wolverhampton, WV1 1LH**
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 4**
7. In accordance with the harmonised standard **EN 12620**
8. European Technical Assessment: **Not applicable**

#### 9. Declared performance

Requirement	Performance		EN 12620
Aggregate type	Gravel		
Particle shape, size and density	Particle size	10/20 G <sub>c</sub> 85/20	Designation
	Particle shape	Fl <sub>50</sub>	Category
	Particle density (Saturated surface dried)	2.55 Mg/m <sup>3</sup>	Declared value
Water absorption	Max 3.5% WA		Declared value
Cleanliness	Fines content	Pass; f <sub>3</sub>	Threshold value
	Fines quality	NPD	Declared value
	Shell content	NR	Declared value
Resistance to fragmentation	LA <sub>40</sub>		Category
Resistance to abrasion	NPD		Category
Resistance to wear	NR		Category
Durability against freeze / thaw (MSSV)	NR		Category
Composition / content	Chlorides	<0.029%C	Declared value
	Acid soluble sulfates	AS <sub>0.2</sub>	Category
	Total sulphur	Pass: <1% S	Threshold value
	Constituents of coarse recycled aggregates	NR	Declared value
	Carbonate content	NR	Declared value
	Water soluble sulfate content of recycled aggregate	NR	Declared value
Volume stability	Drying shrinkage	0.075% WS; Pass	Threshold
	Constituents which effect the volume stability of air cooled blast furnace slag	NR	Declared value
<b>No Performance determined for the following properties</b> (as recommended by PD 6682-1)			
Emission of radioactivity	NPD		Declared value
Resistance to polishing	NPD		Category
Release of heavy metals	NPD		Threshold value
Release of polyaromatic carbons	NPD		Threshold value
Release of other dangerous substances	NPD		Declared value

Durability against alkali- silica reactivity		NPD	Declared value
Composition / content		NPD	Threshold value
Constituents that alter the rate of setting and hardening of concrete;			

Table 1

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:

Mr Stuart Allerton – (Quality Systems Manager)



22<sup>nd</sup> July 2014