



DECLARATION OF PERFORMANCE (DoP)

		BIANCO ZANDOBBIO								
1. Unique identification code of the product type:		Note - the "batch" is identified by the date shown on the PACKAGING and/or DDT. This DoP is valid for batches produced from the date of issue of this DoP until the next one (downloadable from the website).								
2. Intended uses:		Aggregate for concrete (EN 12620) and not-structural mortars (EN 13139).								
3. Manufacturer:		VALLI GRANULATI srl				Tel: + 39 035 940249 Fax: + 39 035 943256				
		via Selva, 20 – 24060 ZANDOBBIO (BG)				www.valligranulati.it		info@valligranulati.it		
4. Agent:		not applied (DoPs and technical documentation are kept by the manufacturer).								
5. Systems for the Evaluation and Verification of Consistency of Performance:		System 4				System 4				
6a. Harmonized Standards:		UNI EN 12620:2008				UNI EN 13139:2003				
Notified control bodies:		not applicable (not provided for by the regulations for "Systems 4")								
6b. European Technical Assessment:		not applicable (there are "harmonised technical standards" for these products).								
7. Declared performance:		type of aggregate: natural (non-marine, non-industrial, non-recycled) as per point 3 of the Arm Standards.								
Commercial name:		0.1/0.3 mm	0.3/0.7 mm	0.6/1 mm	0.7/1.2 mm	0.00 END 1/1,2 mm	0.00 1.2/1.8 mm	0 1.8/2.5 mm		
Form	Granulometric designation	0/1	0/1	0/1	0/2	0/2	0/2	0/4		
	Category	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85		
	Shape of the granules	NPD								
	Density of granules	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7		
	Water absorption	NPD	1.3%	1.3%	1%	1%	1%	1%		
Cleaning	Content of purposes	< 10%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%		
	Quality of purposes	NPD								
Content	Chlorides	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%		
	Soluble sulphates	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%		
	Total Sulfur	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %		
	Carbonate	NPD								
Speed of grip	Humic substance	absent								
	Fulvic acid	NPD								
	Organic contaminants	NPD								
Finite upper	impurity light organ	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %		
Subst. Danger.	radioactive heavy metals	NPD								
	Polyaromatic Carbides	NPD								
	Other substances	NPD								
Durability	alkali-silica freeze/thaw reaction	≤ 0.8% - F1								
		RA0								
	Fragment (Los Angeles)	LA ≤ 30								
	Wear (Micro Deval)	NPD								
	Smoothness	NPD								
	Abrasion	NPD								
	Abras. from studded tires	NPD								

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NPD = no performance determined (the characteristic is not subject to prescription requirements for the intended use)

Irrelevant performances : shell content (aggreg. of marine origin), volume stability and fire loss (aggreg. of industrial origin)

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(continued from page 1)

7. Declared performance:		type of aggregate: natural (<i>non-marine, non-industrial, non-recycled</i>) as per point 3 of the Arm Standards.								
Commercial name:		0/50 micron FL	0/70 microns F1	0,1/0,5 mm F2	0.4/0.7 mm F7	Miglio	0.8/1.6 mm F4	1.5/2.5 mm Little laugh	NR.1	NR.2
Form	Granulometric designation	FILLER								
	Category	---		Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gc85/20
	Shape of the granules	NPD								
	Density of granules	> 2.8	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7	> 2.7
Cleaning	Water absorption	NPD								
	Content of purposes	pass	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	f3, < 3%	<1.5%
Content	Quality of purposes	SE1 - MB 0.5								
	Chlorides	<0.002%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%
	Soluble sulphates	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%
	Total Sulfur	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %	< 0.4 %
Speed of grip	Carbonate	NPD								
	Humic substance	absent								
	Fulvic acid	NPD								
Finite upper	Organic contaminants	NPD								
	impurity light organ	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %	< 0.05 %
Subst. Danger.	radioactive heavy metals	NPD								
	Polyaromatic Carbides	NPD								
	Other substances	NPD								
Durability	freeze/thaw	≤ 0.8% - F1								
	reaction alkali-silica	0.04% BM0.1								
Resistance	Frag. (Los Angeles)	LA ≤ 30								
	Wear (Micro Deval)	NPD								
	Smoothness	NPD								
	Abrasion	NPD								
	Abras. from studded tires	NPD								

NPD = no performance determined (the characteristic is not subject to prescription requirements for the intended use)

Performances not relevant shell content (aggr. of marine origin), volume stability and fire loss (aggr. of industrial origin)

8. Appropriate and/or specific technical documentation: the "simplified procedures" do not apply (art. 36, 37 and 38, CPR 3052011).

The performance of the product identified above is in conformity with the set of declared performances. This declaration of liability is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
(Costantino Valli, legal representative)

Costantino VALLI
Costantino Valli

Place and date of issue: Zandobbio (BG), **09/07/2024**