



**DECLARATION OF PERFORMANCE (DoP)**

**SPHERICAL SAND / QUARTZ SPHERICAL GREY**

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:

<b>System 4</b>	<b>System 4</b>
<b>UNI EN 12620:2008</b>	<b>UNI EN 13139:2003</b>

6a. Harmonized Standards:

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: <b>natural (non-marine, non-industrial, non-recycled)</b> as per point 3 of the Arm Standards.									
Commercial name:		<b>0.06/0.25 mm</b>	<b>0.1/0.5 mm</b>	<b>0.3/0.9 mm</b>	<b>0.7/1.2 mm</b>	<b>1/1.7 mm</b>	<b>1.5/2.2 mm</b>	<b>2/3,2 mm</b>	<b>3/5,6 mm</b>	<b>5/8 mm</b>	
Form	Granulometric designation	0/1	0/1	0/1	0/2	0/2	0/4	0/4	2/8	4/8	
	Category	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gc85/20	Gc85/20	
	Shape of the granules	NPD									
	Density of granules	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5	≥2,5
Cleaning	Water absorption	≤ 1 %	1.7%	NPD	NPD	NPD	0.2%	NPD	NPD	≤ 1 %	
	Content of purposes	f3	f3	f3	f3	f3	f3	f3	f3	f3	
Content	Quality of purposes	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	
	Chlorides	<0.003%									
	Soluble sulphates	< 0.20 %									
	Total Sulfur	< 0.30 %									
Speed of grip	Carbonate	NPD									
	Humic substance	Absent									
	Fulvic acid	NPD									
Finite upper	Organic contaminants	NPD									
	impurity light organ	< 0.05 %									
Subst. Danger.	radioactive heavy metals	NPD									
	Polyaromatic carbides	NPD									
	Other substances	NPD									
Durability	to the freezing/thawing	0.8%, F1									
	alkali-silica reaction	RA2									
Resistance	Fragment (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)  
**Irrelevant performances** : shell content (aggreg. of marine origin), volume stability and fire loss (aggreg. 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), 19/08/2024