



## Declaration of Performance (DoP)

1. Unique identification code of the product type:		<b>BCS SPHERICAL QUARTZ</b>			
		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 (downloadable from the website).			
2. Intended uses:		<b>Aggregate for concrete (EN 12620) and for non-structural mortars (EN 13139).</b>			
3. Manufacturer:		<b>VALLI GRANULATI srl</b>		Tel: + 39 035 940249 Fax: + 39 035 943256	
		<b>Via Selva, 20 – 24060 ZANDOBBIO (BG)</b>		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>	
6a. Harmonized Standards:		<b>UNI EN 12620:2008</b>		<b>UNI EN 13139:2003</b>	
Notified control bodies:		not applicable (not provided for by the regulations for "System 4")			
6b. European Technical Assessment:		not applicable (there are "harmonized technical standards" for these products ).			
7. Declared performance:		type of aggregate: <b>natural</b> ( <i>non-marine, non-industrial, non-recycled</i> ) as per point 3 of the Arm Standards.			
commercial name :		<b>413</b>	<b>320</b>	<b>260</b>	<b>685</b>
		<b>0.06/0.2</b>	<b>0.1/0.3</b>	<b>0.3/0.8</b>	<b>0.7/1.2</b>
		<b>mm RKB2</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>
Form	Granulometric designation	0/1	0/1	0/1	0/2
	Category	Gf85	Gf85	Gf85	Gf85
	Shape of the granules	NPD			
	Density of granules	γ2.5	γ2.5	γ2.5	γ2.5
	Water absorption	<1%			
Cleaning	Content of purposes	f3	f3	f3	f3
	Quality of purposes	< 3%	< 3%	< 3%	< 3%
Content	Chlorides	<0.003%			
	Soluble sulfates	< 0.80%			
	Total sulfur	< 0.50 %			
	Carbonate	NPD			
Setting speed	Humic substance	absent			
	Fulvic acid	NPD			
	Organic contaminants	NPD			
Top finish Impur. Organ.read Radioact.,	< 0.05%				
Subst. Peric.	met. heavy Polyaromatic	NPD			
	Carbides	NPD			
	Other substances	NPD			
Durability	freeze/thaw alkali-	NPD			
	silica reaction Frag.	<b>RA2</b>			
Resistance	(Los Angeles)	NPD			
	Wear (Micro Deval)	NPD			
	Sandability	NPD			
	Abrasion	NPD			
	Abras. from studded tires	NPD			
<p><b>NPD = no performance determined</b> (the characteristic is not subject to prescription requirements for the intended use) <b>Irrelevant performances</b> : shell content (aggreg. of marine origin), volume stability and fire loss (aggreg. of industrial origin)</p>					
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)					
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Place and date of issue: Zandobbio (BG), <b>25/09/2024</b>					