


**CE MARKING**

Revision 10/17/2017 – reason:  
Correction of UNI EN 12620 date, from 2003  
to 2008.

**Aggregates for NOT-structural concrete and mortars (system 4)**

CE conformity marking:	
Name and address of the manufacturer:	<b>VALLI GRANULATI srl - via Selva, 20 – 24060 ZANDOBBIO (BG)</b> Tel: + 39 035 940249 fax: + 39 035 943256 e-mail: info@valligranulati.it
Last two digits of the year in which the marking was applied:	<b>13</b>
Reference DOP No. (Declaration of Performance):	<b>QBCS-2017-10</b>
European reference standards:	<b>UNI EN 12620:2008      ,      UNI EN 13139:2003</b>
Product Description:	<b>QUARTZ SPHERICAL BCS (for NOT-structural concrete and mortars)</b>

CHARACTERISTICS	SIZE			
	413 0,06/0,2 mm RKB2	320 0,1/0,3 mm	260 0,3/0,8 mm	685 0,7/1,2 mm
Commercial name				
Granulometric designation	<b>0/1</b>	<b>0/1</b>	<b>0/1</b>	<b>0/2</b>
type of aggregate (see ***)	FINE	FINE	FINE	FINE
Category (G)	Gf85	Gf85	Gf85	Gf85
Content of purposes (f)	f3	f3	f3	f3
Quality of the ends (%)	<3%	<3%	<3%	<3%
Density of granules	>2,5			
Water absorption (% WA)	<1%			
Chlorines (% C)	<0.003%			
Acid-soluble sulphates (AS)	< 0.80 %			
Total Sulfur (% S)	< 0.50 %			

CHARACTERISTICS VALID FOR ALL SIZE:							
Humica Substance (see *), xi FINI	absent						
Origin and deposit (see ***)	Natural origin, non-marine, Crushed, stored or processed in Zandobbio - BG - ITALY						
	<b>destination or type of aggregate</b>	<b>UNI IN 12620</b>	<b>UNI IN 13139</b>		<b>destination or type of aggregate</b>	<b>UNI IN 12620</b>	<b>UNI IN 13139</b>
Form granules (flattened FI)	-	No.	No.		Frost/thaw durability (F)	areas subject to freeze/thaw	No. No.
Shell content (SC)	(***) marine aggregates	NPD	NPD		Alkali-silica reaction durability	conditions with certain types of silica	No. No.
Fragmentation resistance (LA)	high resistance concrete	No.	-		Light organic impurities (CLS surface finish alteration)	(*) adj. with noun Organic	<0.05% <0.05%
Release of other hazardous substances Resist. Smoothness (VL)		No.	-		Drying shrinkage (% WS)	concrete with possible shrinkage cracks	NPD (only for aggr. industr.)
Abrasion Resist. (AAV)		NPD	-				
Res. MicroDeval Usury (MDE)	wear layers	NPD	-				
Resist pneum. Chiodati (AN)		NPD	-				
Carbonate content (% CO2)		No.	-				

NR = no requirement (the feature was not requested)

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