



CE MARKING

Revision 03/28/24 – reason: Update of some technical data.

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

CE conformity marking:	CE
Name and address of the manufacturer:	VALLI GRANULATI srl - via Selva, 20 – 24060 ZANDOBBIO (BG) Tel: + 39 035 940249 fax: + 39 035 943256 e-mail: info@valligranulati.it
Last two digits of the year in which it is the marking has been applied:	17
Reference DOP No. (Declaration of Performance):	QGIANEW-2024-03
European reference standards:	UNI EN 12620:2008 - UNI EN 13139:2003
Product Description:	QUARTZ SPHERICAL YELLOW NEW (for NOT-structural concrete and mortars)

CHARACTERISTICS	SIZE						
	0.1-0.5 mm NEW	0.3-0.9 mm NEW	0.7-1.2 mm NEW	1-1.7 mm NEW	1.5-2.2 mm NEW	2-4 mm NEW	
Commercial name							
Granulometric designation	0/1	0/1	0/2	0/2	0/4	0/4	
type of aggregate (see ***)	FINE	FINE	FINE	FINE	FINE	FINE	
Category (G)	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	
Content of purposes (f)	f3	f3	f3	f3	f3	f3	
Quality of the ends (%)	<3%	<3%	<3%	<3%	<3%	<3%	
Density of granules	>2,5						
Water absorption (% WA)	<1%						
Chlorines (% C)	<0.003%						
Acid-soluble sulphates (AS)	< 0.20 %						
Total Sulfur (% S)	< 0.40 %						

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						
	destination or type of aggregate	UNI IN 12620	UNI IN 13139		destination or type of aggregate	UNI IN 12620	UNI IN 13139
Form granules (flattened FI)	-	No.	No.		Frost/thaw durability (F)	areas subject to frost/thaw	No. No.
Shell content (SC)	(***) marine aggregates	NPD	NPD		Alkali-silica reaction durability	agg. 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 (for industrial use only)
Abrasion Resist. (AAV)	wear layers	NPD	-				
Res. MicroDeval Usury (MDE)		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)