



CE MARKING of BIANCO CARRARA

Revision 07/09/2024 – reason: Update of some technical data.

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

CE conformity marking:	
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 the marking was applied:	13
Reference DOP No. (Declaration of Performance):	BCAR-2024-07
European reference standards:	UNI EN 12620:2008 - UNI EN 13139:2003
Product Description:	BIANCO CARRARA (for concrete and NOT-structural mortars)

CHARACTERISTICS	SIZE									
	DUST FINE 0/0,2 mm	0,1/0,35 mm	0,3/0,7 mm	0,5/1 mm	000 0,7/1,2 mm	1/1,2 mm	1,2/1,5 mm	1/1,5 mm	00 1,2/1,8 mm	0 1,8/2,5 mm
Commercial name										
Granulometric designation	0/1	0/1	0/1	0/1	0/2	0/2	0/2	0/2	0/2	0/4
type of aggregate (see ***)	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE	FINE
Category (G)	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85
Content of purposes (f)	SE 57	f10	f3	f3	f3	f3	f3	f3	f3	f3
Quality of the ends (%)	MB 0,2	<10%	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%
Density of granules	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65	> 2,65
Water absorption (% WA)	-	-	1%	1%	1%	1%	1%	1%	1%	1%
Chlorines (% C)	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%
Acid-soluble sulphates (AS)	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%
Total Sulfur (% S)	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %

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 freeze/thaw	0.7% - F1	No
Shell content (SC)	(***) marine aggregates	NPD	NPD			Alkali-silica reaction durability	conditions with certain types of silica	RA0
Fragmentation resistance (LA)	high resistance concrete	LA ≤ 50	-		Light organic impurities (CLS surface finish alteration)		(*) adj. with noun Organic	< 0.05%
Release of other hazardous substances	-	No.	No.			Drying shrinkage (% WS)	concrete with possible shrinkage cracks	NPD
Resist. Smoothness (VL)	wear layers	No.	-					
Abrasion Resist. (AAV)		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)