



DECLARATION OF PERFORMANCE (DoP)

GROUND QUARTZ

1. Identification code

unique 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:

System 4

System 4

6th Harmonized Standards:

UNI EN 12620:2008

UNI EN 13139:2003

Notified control bodies: not applicable (not provided for by the regulations for “System 4”)

6b European Technical Assessment: not applicable (there are “harmonised technical standards” for these products).

7. Declared performance

type of aggregate: **natural** (*non-marine, non-industrial, non-recycled*) as per point 3 of the Arm Standards.

commercial name :

		5RD	(see note 1)	(see note 2)	(see note 3)	(see note 4)	(see note 5)	1/2mm	1/3mm	3/6mm	6/9mm
Form	Granulometric designation	FILLER	0/1	0/1	0/1	0/2	0/4	0/4	0/4	2/8	4/10
	Category	---	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gf85	Gc85/20	Gc85/20
	Shape of granules	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Density of granules Water absorption	≥2,5 ≤ 1%	≥2,5 ≤ 1%	≥2,5 NPD	≥2,5 ≤ 1%	≥2,5 NPD	≥2,5 ≤ 1%	≥2,5 ≤ 1%	≥2,5 NPD	≥2,5 NPD	≥2,5 ≤ 1%
Cleaning	Content of purposes	SE4	< 10%	f3	f3	f3	f3	f3	f3	f3	f3
	Quality of purposes	MB0,2	< 10%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
Contents or	Chlorides	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%	<0.003%
	Soluble sulphates	< 0.50%	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %	< 0.50 %
	Total Sulfur	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %	< 0.3 %
	Carbonate	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Speed of grip	Humic substance	absent	absent	absent	absent	absent	absent	absent	absent	absent	absent
	Fulvic acid	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Organic contaminants	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Finished on p	Impur. Organ. light	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	< 0.04 %	
Subst. Danger.	Radioactive, heavy metals	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Polyaromatic carbides	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Other substances	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Durability	to the freezing/thawing	≤ 0,2%, F1									
	alkali-silica reaction	0.42% - BM0.2 BML0.33/0.48									
Resistance	Fragment (Los Angeles)	LA ≤ 40									
	Wear (Micro Deval)	NPD									
	Smoothness	NPD									
	Abrasion	NPD									
	Abras. from studded tires	NPD									

note 1 : S 0/250 micron 5SN ; 0/SS 40/200 micron LIGHT ; 40/200 micron LIGHT ; 40/200 micron DARK

note 2 : 0.1/0.3 mm; 40-RVFD 0.1/0.3 mm WHITE ; 0.1/0.5 mm DARK; 40-RVD 0.1-0.5 mm WHITE; 0.3/0.5 mm;

40/CN 0.3-0.5 mm WHITE; 40-SF 0.2-0.67mm; 0.4/0.8 mm ; 40/1 0.4/0.8 mm

note 3 : Sand 2 S 0-1 mm ; 0-700 micron SPECIAL

note 4 : 0.8/1.2 mm; 1/A 0.8/1.2 mm ; 0.8/1.7 mm - 1/G

note 5 : Wet grain , Sand 1 S 0.5/1.5 mm

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)

(continued on page 2)



Regulation (EU) No 305/2011 (9 March 2011) and
Regulation (EU) No 574/2014 (21 February 2014)

DoP No.: QMAC-2024-08

LEGEND : (prod. code)-(year)-(month)
Revision 08/19/2024 – reason: Update
of some technical data.

DECLARATION OF PERFORMANCE (DoP)

(continued from page 1)

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)

Place and date
of issue:

Zandobbio (BG), **08/19/2024**

Costantino VALLI
Costantino Valli