



CONTROL DE CALIDAD - LABORATORIO

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TECHNICAL FILE OF THE PRODUCT: GV 1 - 2 mm WET

SPECIFICATIONS:

CHARACTERISTICS	% ACUMULADO
Retained in mesh (4,000 mm.)	Max 1 %
Retained (3,150 mm.)	0 - 15 %
Retained (1,400 mm.)	90 - 100 %
Retained (1,400 mm.)	Max 10 %



PHYSICO CHEMICAL CHARACTERISTICS:

SiO ₂ :	> 98,00 %	MgO :	< 0,05 %	Loss to fire:	< 1,01 %
Al ₂ O ₃ :	< 0,50 %	Na ₂ O :	< 0,06 %	Humidity:	0 - 7 %
Fe ₂ O ₃ :	< 0,40 %	K ₂ O :	< 0,40 %	Hardness:	7 mohs
CaO :	< 0,10 %	TiO ₂ :	< 0,02 %	Seeming density:	1,4-1,7 Kg/m ³
Soluble materials inacid.	< 0,8 %	Soluble materials in water	Inert and no reactive	Solubility:	No soluble in water and mineral acids
Heavy metals (Pb, Cd, Hg, Zn, As, Cr, Se, Ni, Sb, Cn ⁻)				Are not detected	

MARKING CE THE ARID :

COMMERCIAL NOUN:	SILICA 1 - 2 mm WET	
Size:	1,4 - 3	(d / D)
Particles shape:	N.P.D	(F1)
Particles density as UNE-EN 1097-6	2,4 - 2,6	(Mg / m ³)
Content in shells:	N.A.	(SC)
Fines as UNE-EN 13139 (anexo C):	< 3 %	(%, BM, ES)
Composition / content		
Chlorides as UNE-EN 1744-1:	0	(% C)
Soluble sulphates in acid UNE-EN 1744-1:	AS _{0,2}	
Total sulfur as UNE-EN 1744-1:	< ó = 0,2	(% S)
Components that modify the setting time and the hardening of the mortar as UNE-EN 1744-1:	NO CONTAINS	Time (min)
Material soluble in water:	N.A.	R. Comp (S en %)
Water absorption as UNE-EN 1097-6:	< ó = 1	(WA)
Resistance to freezing or unfreezing (EN 1367-1 / 2):	N.P.D.	(F o MS)
Reactivity chemical bases / silical as UNE-EN 13139 (anexo C):	NO REACTIVE	

COMPLIANCE WITH STANDARDS:

ISO 9001:2015: Quality management system certificate with registration number ER-0156/1999

CE Certificate of factory production control with certificate number: 0099/CPD/A60/0120. Application rules:

UNE-EN 13139:2003 "Aggregates for mortars"

UNE-EN 13043: "Aggregates for bituminous mixtures and surface treatments of roads, airports and other paved areas".

Compliance with the **UNE-EN 12902:2006 standard**: "Chemical products used for the treatment of water intended for human consumption. Inorganic filtration and support materials".

Compliance with the **UNE-EN 12904:2006 standard**: "Chemical products used in the treatment of water intended for human consumption. Quartz sand and gravel".

ROYAL DECREE 140/2003 of 7 the February establishing the sanitary criteria for the quality of water for human consumption and modifications.

ROYAL DECREE 902/2018, of 20 July which modify the Royal Decree 140/2003.

SANITARY REGISTRATION; Registration number: 39.004454/SG