

CE
1035
CANTERAS Y HORMIGONES SANTANDER S.L.
Bº LA VENTA S/N - 39608 IGOLLO DE CAMARGO CANTABRIA - ESPAÑA 04
CANTERA DE SAN FELICES
Nº CERT.: 1035-CPR-ES037756-1

MORTAR	AGGREGATES FOR MORTAR - EN 13139													
	PRODUCT	PRODUCT CODE	PARTICLE SHAPE				CLEANLINESS			COMPOSITION / CONTENT				
			Particle Size	Granulometry			Particle Density	Sand Equivalent	Methylene Blue	Fines Content	Chlorides	Acid Soluble Sulphates	Total Sulphur	Water Absorption
SAND 0/2	A02-2 MOR	0/2	4 mm-100%	3 mm-95-100%	2 mm-85-99%	2,68 Mg/m ³	S.E. >70	<0,35	Category 4	< 0,01% Cl ⁻	AS _{0,2}	<1% S	0,32%	SM ₁₈
SAND 0/4	A04-2 MOR	0/4	8 mm-100%	5,6 mm-95-100%	4 mm-85-99%	2,68 Mg/m ³	S.E. >85	NPD	Category 4	< 0,01% Cl ⁻	AS _{0,2}	<1% S	0,32%	SM ₁₈

CONCRETE	AGGREGATES FOR CONCRETE - EN 12620															
	PRODUCT	PRODUCT CODE	PARTICLE SHAPE				CLEANLINESS			OTHER PROPERTIES			COMPOSITION / CONTENT			
			Particle Size	Granulometry	Particle Shape Flakiness Index	Particle Density	Sand Equivalent	Methylene Blue	Fines Content	Resistance to Fragmentation / Crushing	Water Absorption	Durability Against Freeze / Thaw	Chlorides	Acid Soluble Sulphates	Total Sulphur	Constituents which Alter the Rate of Setting and Hardening of Concrete
SAND 0/2	A02-2 HOR	0/2	G ₈₅	NPD	2,68 Mg/m ³	S.E. >70	<0,35	f ₃₀	NPD	0,32%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
SAND 0/4	A04-2 HOR	0/4	G ₈₅	NPD	2,68 Mg/m ³	S.E. >85	NPD	f ₁₆	NPD	0,32%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
SAND 0/5	A05-2 HOR	0/5	G ₈₅	NPD	2,68 Mg/m ³	S.E. >75	NPD	f ₁₆	NPD	0,32%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
GRAVEL 4/8	G48-2 HOR	4/8	G _c 85/20	FI ₁₅	2,70 Mg/m ³	NPD	NPD	f _{1,5}	LA ₂₅	0,24%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
GRAVEL 4/12	G612-2 HOR	4/12	G _c 90/15	FI ₁₀	2,70 Mg/m ³	NPD	NPD	f _{1,5}	LA ₂₅	0,24%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
GRAVEL 10/20	G1220-2 HOR	10/20	G _c 85/20	FI ₁₀	2,70 Mg/m ³	NPD	NPD	f _{1,5}	LA ₂₅	0,24%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	
GRAVEL 20/32	G2032-2 HOR	20/32	G _c 85/20	FI ₁₀	2,70 Mg/m ³	NPD	NPD	f _{1,5}	LA ₂₅	0,24%	SM ₁₈	< 0,01% Cl ⁻	AS _{0,2}	<1% S	pass	



ASPHALT	AGGREGATES FOR BITUMINOUS MIXTURES - EN 13043 13043												
	PRODUCT	PRODUCT CODE	PARTICLE SHAPE				CLEANLINESS			OTHER PROPERTIES			
			Particle Size	Granulometry	Grading Coarse	Particle Shape Flakiness Index	Particle Density	Sand Equivalent	Methylene Blue	Fines Content	Percentage of Crushed Particles / Broken Surfaces	Resistance to Fragmentation / Crushing	Durability Against Freeze / Thaw
SAND 0/5	A05-2 MBC	0/5	G ₈₅	G _{TC} NR	NPD	2,68 Mg/m ³	S.E. > 75	MBF10	f ₁₆	NPD	NPD	SM ₁₈	
GRAVEL 4/12	G612-2 MBC	4/12	G _c 90/15	G _{20/15}	FI ₁₅	2,70 Mg/m ³	--	--	f _{1,5}	C 100/0	LA ₂₅	SM ₁₈	
GRAVEL 10/20	G1220-2 MBC	10/20	G _c 85/20	G _{20/15}	FI ₁₀	2,70 Mg/m ³	--	--	f _{1,5}	C 100/0	LA ₂₅	SM ₁₈	
GRAVEL 20/32	G2032-2 MBC	20/32	G _c 85/20	G _{20/15}	FI ₁₀	2,70 Mg/m ³	--	--	f _{1,5}	C 100/0	LA ₂₅	SM ₁₈	
GRAVEL 20/40	G2040-2 MBC	20/40	G _c 85/20	G _{20/15}	FI ₁₀	2,70 Mg/m ³	--	--	f _{1,5}	C 100/0	LA ₂₅	SM ₁₈	

ROADS	AGGREGATES FOR UNBOUND AND HIDRAULICALLY BOUND MATERIALS - EN 13242														
	PRODUCT	PRODUCT CODE	PARTICLE SHAPE				CLEANLINESS			COMPOSITION		OTHER PROPERTIES			
			Particle Size	Granulometry	Particle Shape Flakiness Index	Particle Density	Sand Equivalent	Methylene Blue	Fines Content	Acid Soluble Sulphates	Total Sulphur	Percentage of Crushed Particles / Broken Surfaces	Resistance to Fragmentation / Crushing	Water Absorption	Durability Against Freeze / Thaw
ALL IN 0/32	Z032-2 ACG	0/32	G ₈₀	FI ₂₀	2,70 Mg/m ³	S.E. >65	MB < 10	f ₉	AS _{0,2}	<1%	C 90/3	LA ₂₅	NPD	WA < 5%	SM ₁₈
ALL IN 0/32	S032-2 ACG	0/32	G ₈₀	FI ₂₀	2,70 Mg/m ³	S.E. >35	MB < 10	f ₉	AS _{0,2}	<1%	C 90/3	LA ₂₅	NPD	WA < 5%	SM ₁₈
ALL IN 0/32	T032-2 ACG	0/32	G ₈₀	FI ₂₀	2,70 Mg/m ³	S.E. >80	MB < 10	f ₃	AS _{0,2}	<1%	C 90/3	LA ₂₅	NPD	WA < 5%	SM ₁₈

