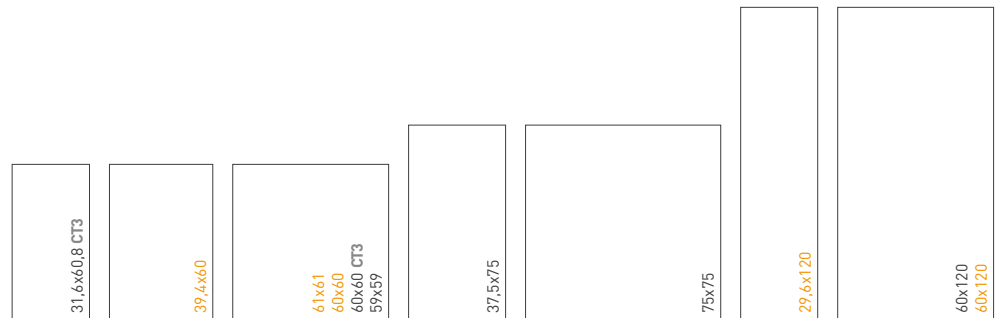


**LI
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IN&OUT
collection

livermore black



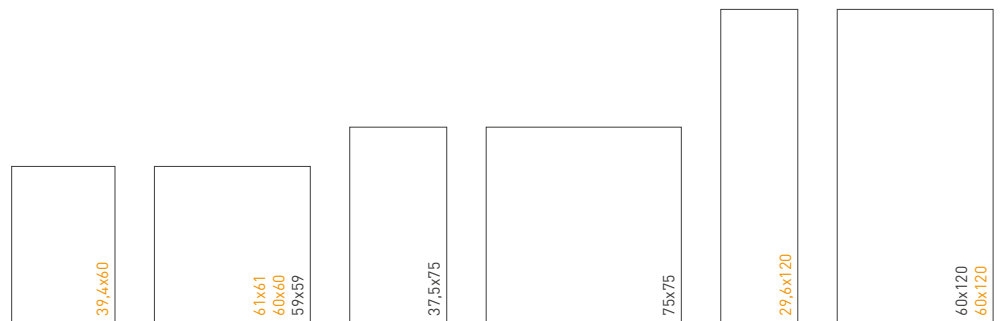
01W31360	LIVERMORE BLACK RC	60x120 / 23,6" x47,2"	PV354
01W31410	LIVERMORE BLACK RC	75x75 / 29,5" x29,5"	PV318
01W31420	LIVERMORE BLACK RC	37,5x75 / 14,6" x29,5"	PV318
01WS5693	LIVERMORE BLACK ANT CT3	60x60 / 23,6" x23,6"	PV234
01W31400	LIVERMORE BLACK RC	59x59 / 23,2" x23,2"	PV260
01WS5699	LIVERMORE BLACK ANT CT3	31,6x60,8 / 12,4" x23,9"	PV186
01WS5665	LIVERMORE 20 mm. BLACK ANT RC	60x120 / 23,6" x47,2"	PV600
01W31312	LIVERMORE 20 mm. BLACK ANT RC	29,6x120 / 11,7" x47,2"	PV600
01WS5675	LIVERMORE 20 mm. BLACK ANT	61x61 / 24" x24"	PV524
01WS5685	LIVERMORE 20 mm. BLACK ANT RC	60x60 / 23,6" x23,6"	PV621
01W31294	LIVERMORE 20 mm. BLACK ANT RC	39,4x60 / 15,5" x23,6"	PV475



LIVEMORE BLACK 60x120 cm. RC
LIVEMORE BLACK REL 60x120 cm. RC

gres porcelánico / *porcelain tiles*

livermore grey

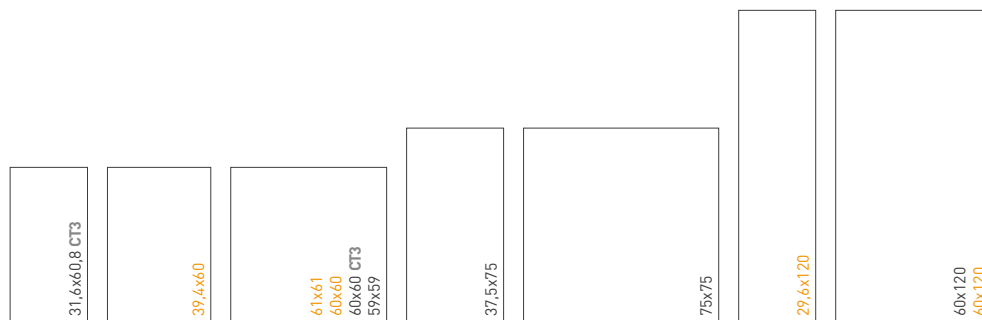


01W31356	LIVERMORE GREY RC	60x120 / 23,6"x47,2"	PV354
01W31406	LIVERMORE GREY RC	75x75 / 29,5"x29,5"	PV318
01W31416	LIVERMORE GREY RC	37,5x75 / 14,6"x29,5"	PV318
01W31396	LIVERMORE GREY RC	59x59 / 23,2"x23,2"	PV260
01WS5661	LIVERMORE 20 mm. GREY ANT RC	60x120 / 23,6"x47,2"	PV600
01W31308	LIVERMORE 20 mm. GREY ANT RC	29,6x120 / 11,7"x47,2"	PV600
01WS5671	LIVERMORE 20 mm. GREY ANT	61x61 / 24"x24"	PV524
01WS5681	LIVERMORE 20 mm. GREY RC	60x60 / 23,6"x23,6"	PV621
01W31290	LIVERMORE 20 mm. GREY ANT RC	39,4x60 / 15,5"x23,6"	PV475



LIVERMORE GREY 60x120 cm. RC
LIVERMORE 20 mm. GREY ANT 39,4x60 cm. RC

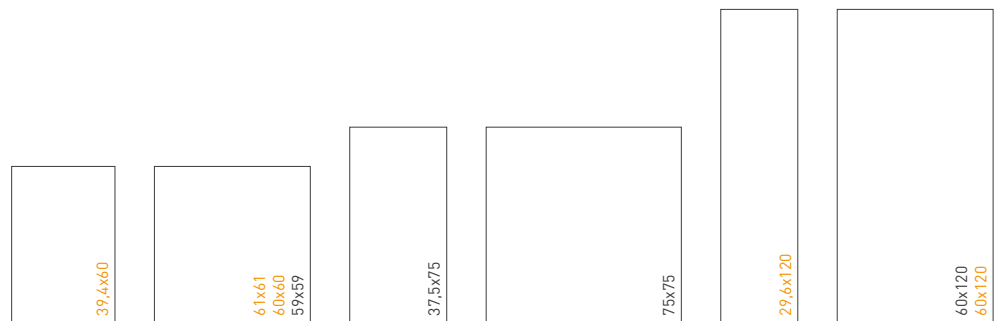
livermore perla



01W31358	LIVERMORE PERLA RC	60x120 / 23,6"x47,2"	PV354
01W31408	LIVERMORE PERLA RC	75x75 / 29,5"x29,5"	PV318
01W31418	LIVERMORE PERLA RC	37,5x75 / 14,6"x29,5"	PV318
01WS5691	LIVERMORE PERLA ANT CT3	60x60 / 23,6"x23,6"	PV234
01W31398	LIVERMORE PERLA RC	59x59 / 23,2"x23,2"	PV260
01WS5697	LIVERMORE PERLA ANT CT3	31,6x60,8 / 12,4"x23,9"	PV186
01WS5663	LIVERMORE 20 mm. PERLA ANT RC	60x120 / 23,6"x47,2"	PV600
01W31310	LIVERMORE 20 mm. PERLA ANT RC	29,6x120 / 11,7"x47,2"	PV600
01WS5673	LIVERMORE 20 mm. PERLA ANT	61x61 / 24"x24"	PV524
01WS5683	LIVERMORE 20 mm. PERLA RC	60x60 / 23,6"x23,6"	PV621
01W31292	LIVERMORE 20 mm. PERLA ANT RC	39,4x60 / 15,5"x23,6"	PV475



livermore visión

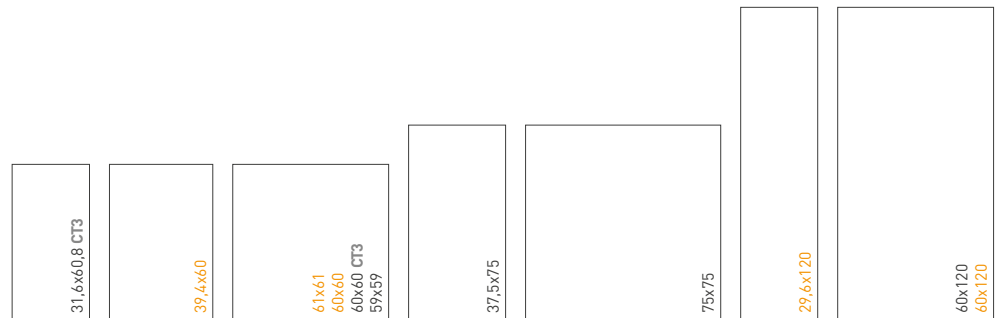


01W31364	LIVERMORE VISIÓN RC	60x120 / 23,6"x47,2"	PV354
01W31414	LIVERMORE VISIÓN RC	75x75 / 29,5"x29,5"	PV318
01W31424	LIVERMORE VISIÓN RC	37,5x75 / 14,6"x29,5"	PV318
01W31404	LIVERMORE VISIÓN RC	59x59 / 23,2"x23,2"	PV260
01WS5669	LIVERMORE 20 mm. VISIÓN ANT RC	60x120 / 23,6"x47,2"	PV600
01W31316	LIVERMORE 20 mm. VISIÓN ANT RC	29,6x120 / 11,7"x47,2"	PV600
01WS5679	LIVERMORE 20 mm. VISIÓN ANT	61x61 / 24"x24"	PV524
01WS5689	LIVERMORE 20 mm. VISIÓN RC	60x60 / 23,6"x23,6"	PV621
01W31298	LIVERMORE 20 mm. VISIÓN ANT RC	39,4x60 / 15,5"x23,6"	PV475



LIVERMORE VISION 75x75 cm. RC
LIVERMORE VISION REL 60x120 cm. RC

livermore calcita



01W31362	LIVERMORE CALCITA RC	60x120 / 23,6" x47,2"	PV354
01W31412	LIVERMORE CALCITA RC	75x75 / 29,5" x29,5"	PV318
01W31422	LIVERMORE CALCITA RC	37,5x75 / 14,6" x29,5"	PV318
01WS5695	LIVERMORE CALCITA ANT CT3	60x60 / 23,6" x23,6"	PV234
01W31402	LIVERMORE CALCITA RC	59x59 / 23,2" x23,2"	PV260
01WS5701	LIVERMORE CALCITA ANT CT3	31,6x60,8 / 12,4" x23,9"	PV186
01WS5667	LIVERMORE 20 mm. CALCITA ANT RC	60x120 / 23,6" x47,2"	PV600
01W31314	LIVERMORE 20 mm. CALCITA ANT RC	29,6x120 / 11,7" x47,2"	PV600
01WS5677	LIVERMORE 20 mm. CALCITA ANT	61x61 / 24" x24"	PV524
01WS5687	LIVERMORE 20 mm. CALCITA RC	60x60 / 23,6" x23,6"	PV621
01W31296	LIVERMORE 20 mm. CALCITA ANT RC	39,4x60 / 15,5" x23,6"	PV475



LIVERMORE CALCITA 60x120 cm. RC



SPECIAL PIECES

LIVERMORE dispone de una amplia gama de piezas especiales que le permiten revestir cualquier zona manteniendo el mismo nivel estético y técnico.

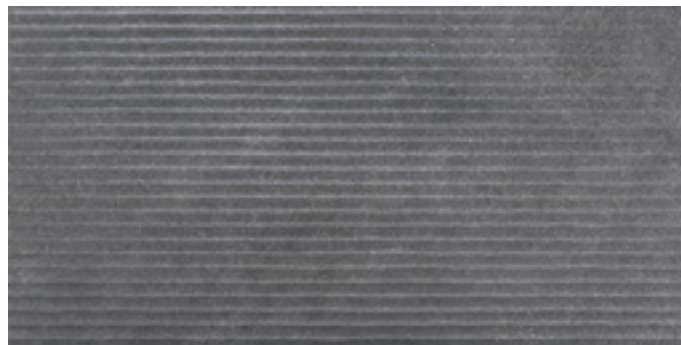
LIVERMORE has a vast range of special pieces that allow you to cover any area keeping the same aesthetic and technical level.



LIVERMORE CALCITA ANT 39,4x60 cm. RC
LIVERMORE CALCITA REL 60x120 cm. RC
LIVERMORE 20 CALCITA ANT 29,6x120 cm. RC

Livermore rel

gres porcelánico / *porcelain tiles*

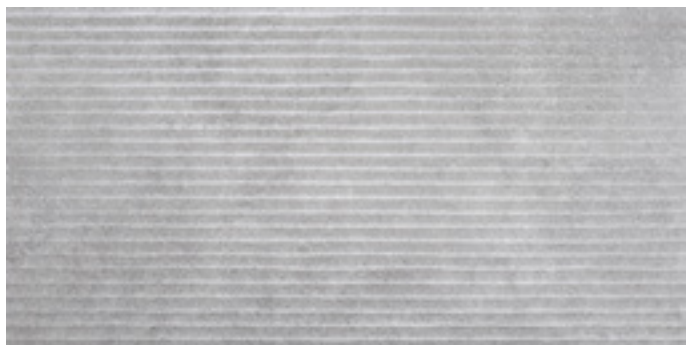


01W31370

LIVERMORE BLACK REL RC

60x120 / 23,6"x47,2"

PV375

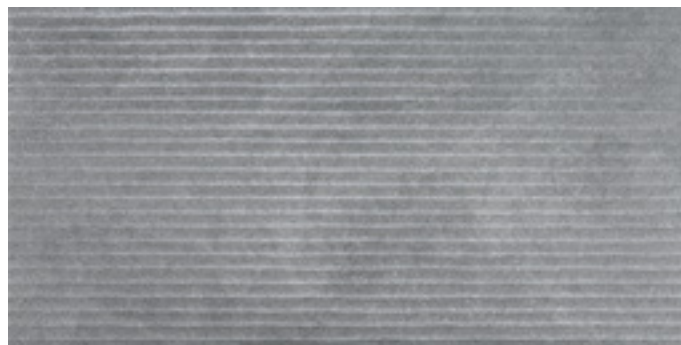


01W31368

LIVERMORE PERLA REL RC

60x120 / 23,6"x47,2"

PV375



01W31366

LIVERMORE GREY REL RC

60x120 / 23,6"x47,2"

PV375



01W31372

LIVERMORE CALCITA REL RC

60x120 / 23,6"x47,2"

PV375

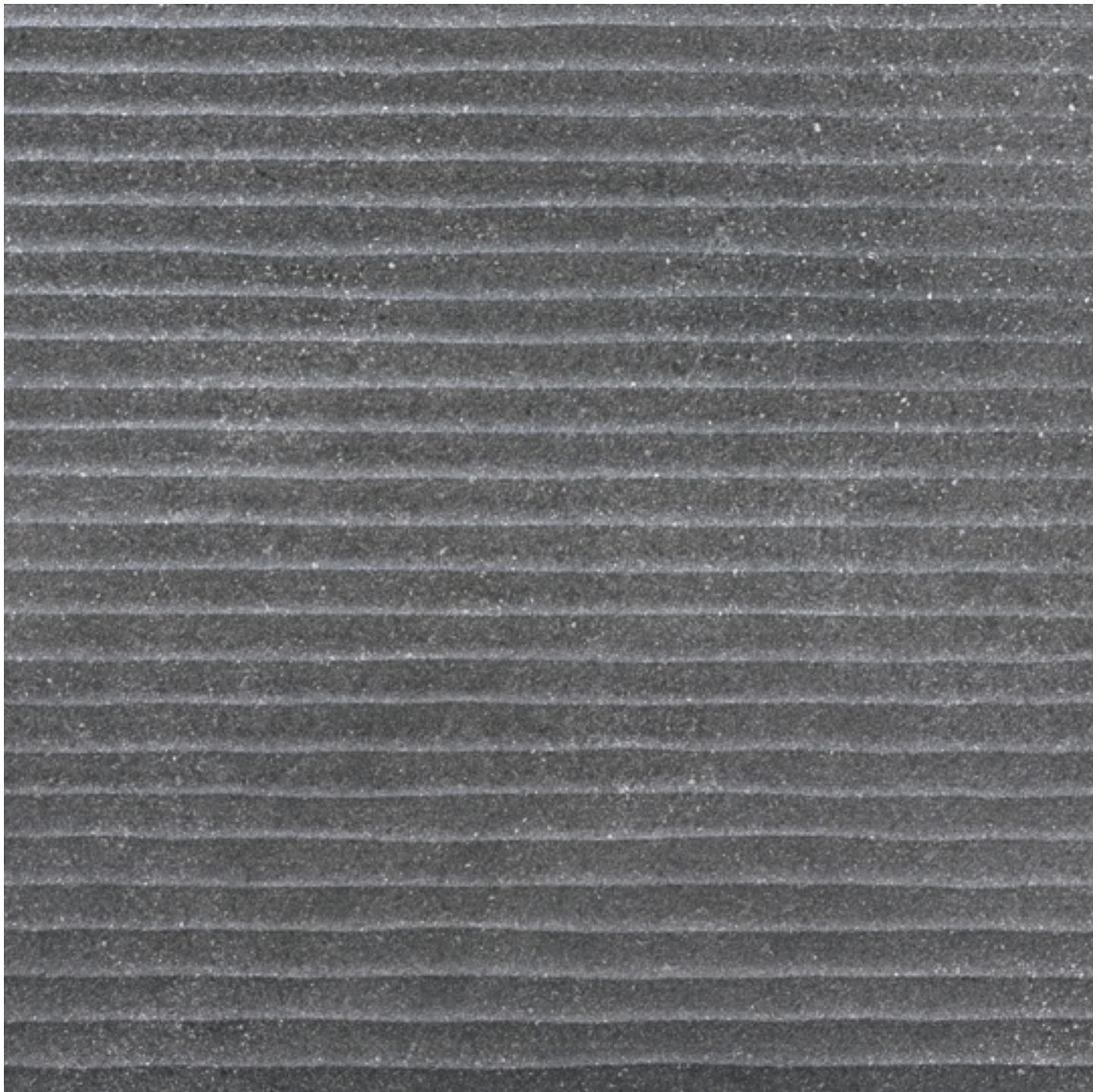


01W31374

LIVERMORE VISIÓN REL RC

60x120 / 23,6"x47,2"

PV375





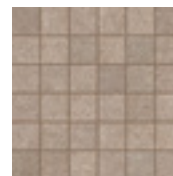
Mosaico Livermore

gres porcelánico / *porcelain tiles*

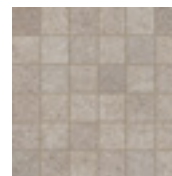


03MS321	MOSAICO LIVERMORE BLACK	30x30 / 11,8"x11,8"	CP083
03MS317	MOSAICO LIVERMORE GREY	30x30 / 11,8"x11,8"	CP083
03MS319	MOSAICO LIVERMORE PERLA	30x30 / 11,8"x11,8"	CP083
03MS320	MOSAICO LIVERMORE VISÓN	30x30 / 11,8"x11,8"	CP083
03MS318	MOSAICO LIVERMORE CALCITA	30x30 / 11,8"x11,8"	CP083

Visón



Calcita



Black



Grey

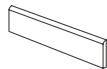


Perla



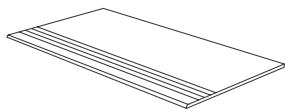


11 mm.



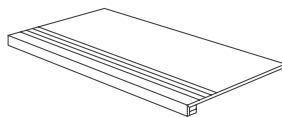
Rodapié

8x120 cm. RC
8x75 cm. RC
8x60 cm.
8x31,6 cm.



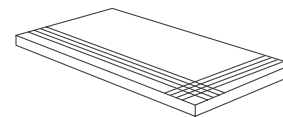
Peldaño RMO

30x120 cm. RC
30x75 cm. RC
30X60 cm. CT3
30x59 cm. RC
31,6x60,8 cm. CT3



Peldaño ING

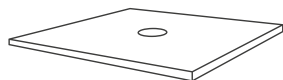
30x120 cm. RC
30x75 cm. RC
30X60 cm. CT3
30x59 cm. RC
31,6x60,8 cm. CT3



Peldaño Ángulo IZQ/DER ING

30x120 cm. RC
30x75 cm. RC
30X60 cm. CT3
30x59 cm. RC
31,6x60,8 cm. CT3

20 mm.



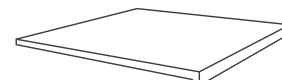
Foco

60x60 cm. RC
60x120 cm. RC



Peldaño ángulo ING

60x60 cm. RC
30x30 cm.



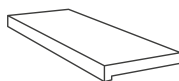
Peldaño ING

60x120 cm. RC
30x120 cm. RC
60x60 cm. RC
30X60 cm. RC



Rodapié

8x120 cm. RC
8x60 cm. RC



Borde RC ING

30x120 cm. RC
20x60 cm. RC



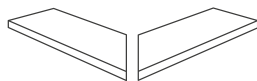
Borde (h=15 cm.)

10x120 cm. RC
10x60 cm. RC



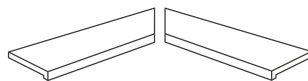
Rejilla

30x120 cm. RC
20x60 cm. RC



Borde ángulo ING EXT

30x120 cm. RC
20x60 cm. RC



Borde ángulo ING INT

30x120 cm. RC
20x60 cm. RC



Rejilla ángulo

30x120 cm. RC
20x60 cm. RC



LIVERMORE 20mm. BLACK ANT 60x60 cm. RC
PELDANO ING LIVERMORE 20mm. BLACK ANT 60x60 cm. RC
FOCO LIVERMORE 20mm. BLACK ANT 60x60 cm. RC
BORDE LIVERMORE 20mm. BLACK ANT 10x60 cm. RC

características técnicas / *technical characteristics*

ENSAYO / TEST	NORMA / STANDARD	RESULTADO / RESULT
DIMENSIONES Y ASPECTO SUPERFICIAL <i>DIMENSIONS AND SURFACE QUALITY</i>	UNE-EN-ISO 10545-2	Conforme / <i>Acceptable</i>
ABSORCIÓN DE AGUA <i>WATER ABSORPTION</i>	UNE-EN-ISO 10545-3	<0,2%
RESISTENCIA A LA FLEXIÓN <i>MODULUS OF RUPTURE</i>	UNE-EN-ISO 10545-4	42 N/mm ²
CARGA DE ROTURA <i>BREAKING STRENGTH</i>	UNE-EN-ISO 10545-4	11050 N
RESISTENCIA A LA ABRASIÓN PROFUNDA <i>RESISTANCE TO DEEP ABRASION</i>	UNE-EN-ISO 10545-6	≤ 145 mm ³
COEFICIENTE DE DILATACIÓN TÉRMICA LINEAL <i>LINEAR THERMAL EXPANSION COEFFICIENT</i>	UNE-EN-ISO 10545-8	± 6,5 (10 ⁻⁶ C ⁻¹)
RESISTENCIA A LA FLEXIÓN <i>MODULUS OF RUPTURE</i>	UNE-EN 1339	U 11
CARGA DE ROTURA <i>BREAKING STRENGTH</i>		T 11
RESISTENCIA AL CHOQUE TÉRMICO <i>RESISTANCE TO THERMAL SHOCK</i>	UNE-EN-ISO 10545-9	Resiste / <i>Resists</i>
DILATACIÓN A LA HUMEDAD <i>MOISTURE EXPANSION</i>	UNE-EN-ISO 10545-10	≤ 0,1 (mm/m)
RESISTENCIA AL CUARTEO <i>CRAZING RESISTANCE</i>	UNE-EN-ISO 10545-11	Resiste / <i>Resists</i>
RESISTENCIA A LA HELADA <i>FROST RESISTANCE</i>	UNE-EN-ISO 10545-12	Resiste / <i>Resists</i>
RESISTENCIA QUÍMICA: ÁCIDOS Y ÁLCALIS DE BAJA CONCENTRACIÓN <i>CHEMICAL RESISTANCE: ACIDS AND LOW CONCENTRATION ALKALIS</i>	UNE-EN-ISO 10545-13	GLA
RESISTENCIA QUÍMICA: ÁCIDOS Y ÁLCALIS DE ALTA CONCENTRACIÓN <i>CHEMICAL RESISTANCE: ACIDS AND HIGH CONCENTRATION ALKALIS</i>	UNE-EN-ISO 10545-13	GHA
RESISTENCIA QUÍMICA: PRODUCTOS DOMÉSTICOS Y SALES PARA PISCINA <i>CHEMICAL RESISTANCE: HOUSEHOLD PRODUCTS AND POOL SALTS</i>	UNE-EN-ISO 10545-13	GA
RESISTENCIA A LAS MANCHAS <i>RESISTANCE TO STAINS</i>	UNE-EN-ISO 10545-14	clase 5
CARGA ESTÁTICA <i>STATIC CHARGE</i>	EN 12825	Centro: KN > 8,0 / Centro lado: KN > 5,5 / Diagonal: KN > 8,0 Centre: KN > 8,0 / Centre side: KN > 5,5 / Diagonal: KN > 8,0
DUREZA AL RAYADO DE LA SUPERFICIE SEGÚN MOHS <i>SCRATCH HARDNESS OF SURFACE ACCORDING TO MOHS</i>	UNE 67101	8
ÁNGULO CRÍTICO DE DESLIZAMIENTO (RAMPA) <i>CRITICAL SLIP ANGLE (RAMP)</i>	DIN 511130:2010	R 11
RESISTENCIA AL DESLIZAMIENTO (PÉNDULO) <i>SLIP RESISTANCE (PENDULE)</i>	UNE-EN-V 12633:2003	RD 55, clase 3



Roig Cerámica, S.A.

Camino Viejo de Onda, s/n.
12540 Vila-real (Castellón), España
Tel.: +34 964 50 62 42
Fax.: +34 964 53 14 28
conekta@rocersa.es
www.rocersa.es



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