

**Refractories for ceramic &
sanitaryware**

**Refrattari per ceramica &
sanitari**

**Огнеупоры для керамики и
сантехники**



2017 1st issue



Refractories
www.lincobaxo.com

A GROUP OF COMPANIES

LE SOCIETA' DEL GRUPPO - ГРУППА КОМПАНИЙ



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RANGE OF PRODUCTS FOR CERAMIC & SANITARYWARE

GAMMA PRODOTTI PER CERAMICA & SANITARI

НОМЕНКЛАТУРА ПРОДУКЦИИ ДЛЯ КЕРАМИКИ И САНТЕХНИКИ



LINCO BAXO precision refractories - Bondeno Plant



LINCO BAXO industrie refrattari - Bondeno Plant

BRANDNAME	DESCRIPTION	PAGE
MAREF CARBO KERA	Alumina, high-alumina, sillimanite, mullite, silicon carbide, bricks & shapes	4
REF - SIL REF - MUL REF - COR REF - SIC REF - ZMA REF - MUL COR	Slip-cast & extruded refractories for kiln furniture	5
KEROCAST KEROVIB KEROLITE	Refractory castables & mortars	6
ISOM REF MAX SILTHERM PARGAS BASALAN MICROPOR	Insulating firebricks & boards	7
LM - FIBRES	Ceramic & soluble fibres	8
LB FILL LB MUL CEMENTS - CHAMOTTES VERMICULITE	Insulating / refractory, mastics & auxiliaries	9
	Applications	10 - 11

The informations provided in this leaflet are based on the results of routine production tests, and as such are subject to slight variations and therefore should not be used as a specification. The figures are correct at the time of publishing (Feb 2017). Variations to standard products may cause deviations from the figures in this catalogue (Feb 2017).

I dati forniti in questo catalogo si basano sui risultati di test di produzione di routine, e come tale è soggetto a lieve variazione e, pertanto, non devono essere utilizzati come specifica. I dati corrispondono al momento della pubblicazione (Feb 2017). Le variazioni dei prodotti standard possono causare scostamenti rispetto ai dati in questo catalogo (Feb 2017).

Информация, представленная в этом каталоге основана на результатах стандартных испытаний, и может быть незначительно изменена. Следовательно, она не должна использоваться в качестве спецификации. Цифры верны на момент публикации (Февраль 2017). Изменения стандартной продукции могут привести к отклонениям от данных в этом каталоге (Февраль 2017).

REFRACTORY BRICKS AND SHAPES

MATTONI E SAGOMATI REFRAATTARI

ОГНЕУПОРНЫЙ КИРПИЧ И ФАСОННЫЕ ОГНЕУПОРЫ

	Brandname	Refractoriness °C	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	Bulk density Kg/m ³	CCS N/mm ²	Main raw material
ALUMINA	MAREF 42C	1730	41	56	1,6	2150	45	CHAMOTTE
	MAREF 44H	1770	45	51	1,4	2250	56	CHAMOTTE
	MAREF 45Y	1745	43	52	1,4	2300	50	PREMIUM GRADE FIRE CLAY
	MAREF 62 C	1830	62	34	1,5	2350	50	CHAMOTTE/BAUXITE
	MAREF 65Y	1830	62	34	1,5	2400	50	CHAMOTTE/BAUXITE
SILLIMANITE MULLITE	MAREF 58SM	1750	58	41	0,6	2450	60	SILLIMANITE
	MAREF 62SM	1850	62	34	1	2550	60	SILLIMANITE
	MAREF 65SM	1850	66	31	0,9	2550	60	SILLIMANITE/MULLITE
	MAREF 70SM	1850	70	28	0,7	2600	65	SILLIMANITE/MULLITE
HIGH ALUMINA	MAREF 85Y	1860	81	13	1,5	2750	70	BAUXITE
	MAREF 95 AT	2000	92	7	0,2	2900	100	TABULAR ALUMINA
SIC	CARBO 75	1880	18	(SiC) 75	0,6	2500	50	SILICON CARBIDE
	CARBO 90 HD	1880	8	(SiC) 85	0,5	2600	85	SILICON CARBIDE
SAGGARS FOR FIRING PIGMENTS	KERA 2 KK	1300	38	57	2	2100	30	CHAMOTTE MULLITE
	KERA 2 IB	1300	38	60	0,5	2200	35	
	KERA 2 SS	1300	42	55	0,9	2300	32	

A complete group of shaped refractories manufactured in standard sizes and itemized shapes.

Un gruppo completo di refrattari sagomati fabbricati in dimensioni standard e in dimensioni a richiesta.

Производится полная группа фасонных огнеупоров стандартных размеров и форм.



SLIP-CAST & EXTRUDED REFRACTORIES FOR KILN FURNITURE

REFRATTARI SPECIALI COLATI ED ESTRUSI

ЛИТЫЕ И ЭКСТРУДИРОВАННЫЕ ОГНЕУПОРЫ ДЛЯ ФУТЕРОВКИ ПЕЧИ

	Brandname	Chemical analysis			Refract. under load TR-°C	BD g/cm3	Apparent porosity %	CCS N/mm2	Applications
		Al2O3 %	Fe2O3 %	SiO2 %					
CORDIERITE	REF-MUL COR 45	46	(MgO) 5	38	1350	2,15	23	45	Supports & customized shapes
	REF-MUL COR 50	48	(MgO) 6		1300	2,1	25	25	Extruded batts and customized shapes
SILLIMANITE	REF-SIL 61	61	0,7	38	1450	2,35	22	40	Special shapes for ceramic industry
MULLITE	REF-MUL 79	79	0,2	19	1550	2,55	20	40	Special shapes for ceramic industry
CORUNDUM	REF-COR 90	92	0,2	7	1650	2,9	21	70	Special shapes for ceramic industry
ZIRCON MULLITE	REF-MUL Z19	61	0,3	(ZrO2) 19	1580	3,0	18	45	Special shapes for ceramic industry
SILICON CARBIDE	REF-SIC 65	12	(Sic) 65	(ZrO2) 19	1350	2,45	18	55	Supports and special shapes for ceramic industry
	REF-ZMA 61	61	(Sic) 11	(ZrO2) 7	1400	2,55	20	50	Special shapes for ceramic industry
	REF-SiSiC	\	(Sic) 80	(Si) 20	1350	3,00	0	26	Supports and special shapes for ceramic industry



A wide range of batts, supports, columns, beams, chimneys, tubes and burner cones, rollers, suspended roof and customized shapes for kiln furniture is manufactured according to customers requirements.

Una vasta gamma di piastre, supporti, colonne, barre, camini, tubi e conici bruciatori, rulli, sagomati volta e blocchi carro personalizzati, fabbricati secondo le esigenze dei clienti.

Широкий ассортимент плит, опор, колонн, балок, дымовых труб, труб, горелочных конусов, подвесных сводов и форм для печей, которые изготавливаются в соответствии с требованиями заказчика.



REFRACTORY CASTABLES

CALCESTRUZZI REFRAATTARI

ОГНЕУПОРНЫЕ БЕТОНЫ

	Brandname	Chemical Analysis			Classification temperature °C	BD kg/m3	CCS	
		Al2O3 %	Fe2O3 %	SiO2 %			°C	N/mm2
DENSE CASTABLES	BAXOCAST 1380	47	3	42	1380	2050	1300	40
	LICOFEST 29 HS	47	1,5	44	1450	2050	1300	40
	KEROCAST 1500	61	1	31	1580	2250	1300	40
	KEROCAST 1700	92	0,9	2	1730	2700	1300	40
	LICOFEST PL 321	51	1	45	1500	2200	1300	80
	KEROVIB 60	66	1	29	1580	2400	1300	95
	BAXOVIBRO LB	65	0,5	31	1650	2490	1300	70
	KEROVIB 83	82	1,2	10	1700	2800	1300	100
	BAXOVIBRO VT 95 TAB	95	0,2	3	1800	3000	1300	130
LW-CASTABLES	KEROVIB Z 27	54	0,7	(ZrO2) 26	1670	3000	1300	90
	LICOFEST 5V	31	10	32	1000	535	815	0,8
	LICOFEST PC 124 I	30	9	39	1100	875	815	3
	LICOFEST 08 C	54	0,5	30	1290	880	815	2,1
	LICOFEST LW 203 C	57	0,8	30	1420	1210	815	5,5
	LICOFEST PC 14 HT	40	6	38	1370	1410	815	11
	LICOFEST FL 60	59	1,5	33	1580	1500	815	8



DRY AND WET MORTARS

MALTE SECCHIE E PRONTE ALL'USO

СУХИЕ И ВЛАЖНЫЕ МЕРТЕЛИ

	Brandname	Chemical Analysis		Classification temperature °C
		Al2O3 %	Fe2O3 %	
DRY MORTARS	KEROCEM 44	38	2	1500
	KEROCEM 57	52	1,2	1550
	KEROCEM 85	85	0,8	1700
WET MORTARS	BAXOPOL C	40	1,5	1500
	BLAKPOL	43	1,2	1650
	BAXPOL B	85	0,7	1650
	BAXOPOL HT	92	0,2	1750
	WHITEBOND	55	0,8	1750



INSULATING SHAPES

MATTONI ISOLANTI

ФОРМОВАННЫЕ ИЗОЛЯЦИОННЫЕ МАТЕРИАЛЫ

	Brandname	Standard		Chemical Analysis			Classification temperature °C	BD g/cm3
		ASTM	ISO	Al2O3 %	Fe2O3 %	SiO2 %		
INSULATING BRICKS	ISOM 23A	23	125.06 L	38	1	58	1260	560
	ISOM 26	26	140.08 L	51	0,9	44	1430	800
	ISOM 28	28	150.09 L	68	0,7	28	1540	900
	ISOM 30	30	160.10 L	78	0,6	20	1650	1050
	REF MAX SIL 9			(CaO) 3,5	1,2	93	1550	900
	REF MAX SIL 10			(CaO) 3	1	94	1600	1000
SLABS & MEGA SLABS	ISOM 23H	23	125.07	40	1	38	1320	750
	ISOM 26	26	140.08 L	51	0,9	44	1430	800
	ISOM 28H	28	150.01:01	56	0,9	38	1560	1100
	ISOM 30M	30	160.10 L	78	0,6	20	1650	1050



A complete group of shaped refractories manufactured in standard sizes and itemized shapes

INSULATING BOARDS

PANNELI ISOLANTI

ИЗОЛЯЦИОННЫЕ ПЛИТЫ

	Brandname	Description	Classification temperature	BD	Dimensions
			°C	Kg/m3	mm
BACK-UP INSULATION	ESPANBLOCK	Calcium silicate boards	400	400	620x250x80-200
	SILTHERM 1000	Calcium silicate boards	1000	240	1000x500x25-100 500x500x25-100
	SILTHERM 1100	Calcium silicate boards	1100	275	1000x500x25-100 500x500x25-100
	BASALAN	Rockwool boards	800	120-140	1000x600x25-100
	PARGAS	Rockwool boards	900	160-180	1000x600x25-100
	MICROPOR	Microporous boards	950	300	1000x600x25-100

A group of materials suitable for back-up insulation.



CERAMIC & SOLUBLE FIBRES

FIBRE CERAMICHE E SOLUBILI

КЕРАМИЧЕСКОЕ И РАСТВОРИМОЕ ВОЛОКНО

	Brandname	Description	Classification Temperature °C	BD Kg/m3	Dimensions mm	
CERAMIC FIBRES	LM 1260	Rolls	1260	96-128-160	7320x610x6 7320x610x19 4880x610x38	14640x610x13 7320x610x25 3660x610x50
	LM 1430	Rolls	1430	96-128-160		
	LF 1260	Wool	1260		In bags	
	LF 1450	Wool	1450			
	LF 1600	Wool	1600			
	LV 12	Boards	1260	300	1200x1000x10-100	
	LV 14	Boards	1430	310		
	LP 1260	Paper	1260	200	Thickness 1/2/3/4/5	
	LP 1400	Paper	1400	210		
	L MOD 12	Modules	1260	160-220	300x300x50-100 other sizes on request	
	L MOD 14	Modules	1450			
	L MOD 16	Modules	1600			
	A365/A366	Steel anchors (4841)	1150		on request	
	HT-ANKER	Steel anchors (Si3-N4)	1800		on request	
SOLUBLE FIBRES	LM ECO 1260	Rolls	1100	96-128-160	7320x610x6/19/25 4880x610x38	14640x610x13 3660x610x50
	LP ECO	Paper	1100	210	Thickness 1/2/3/4/5	
	LV ECO	Boards	1100	350	1200x1000x10-100	
	LF ECO	Wool	1100		In bags	
	L MOD ECO 12	Modules	1100	128-200	300x300x50-300 other sizes on request	



AUXILIARIES

MATERIALI AUSILIARI

ВСПОМОГАТЕЛЬНЫЕ МАТЕРИАЛЫ

Brandname	Description
CA CEMENT	Calcium aluminate cement
CHAMOTTE	Calcined clay sized in standard sizes (0-5, 0-10, 0-1, 1-3, 3-6, 6-10 mm), supplied in bags or big-bags
GREEN FOREST Vermiculite	Vermiculite sized in standard grades (0-1, 1-2, 2-4, 4-12mm), bulk density 80/120 Kg/mc, supplied in bags

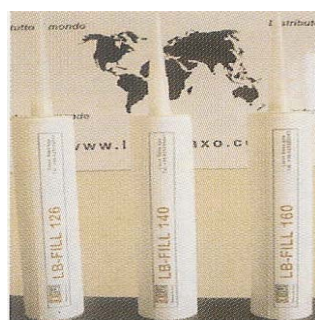


INSULATING AND REFRACTORY MASTICS

MASTICI ISOLANTI E REFRATTARI

ИЗОЛЯЦИОННЫЕ И ОГНЕУПОРНЫЕ МАСТИКИ

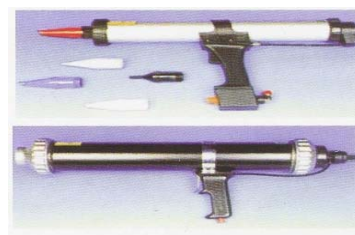
Brandname	Classification temperature °C	Al2O3 %	Apparent density Kg/m3	Density after firing Kg/m3	Linear shrinkage %	Colour
LB-FILL 126	1100	55	1250	250-300	5	white
LB-FILL 140	1250	60	1250	250-300	5	white
LB-FILL 160 ECO	1400	80	1250	250-300	5	white
LB MUL COAT MIX	1500	85	1450	1400	n.a.	light brown



LB-FILL is a special ceramic fibre mastic for injecting, pumping and/or hard ramming. The setting takes place steadily as the firing proceeds producing an insulating structure with adequate strength, good thermal shock resistance and low thermal conductivity.

LB MUL COAT MIX is a dry coating material which is used to provide wear and corrosion protection for the surface of ceramic fibre lining.

We can also supply the equipment for injecting this group of products



APPLICATIONS

APPLICAZIONI

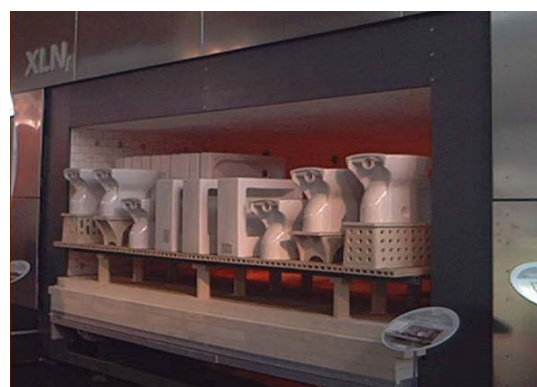
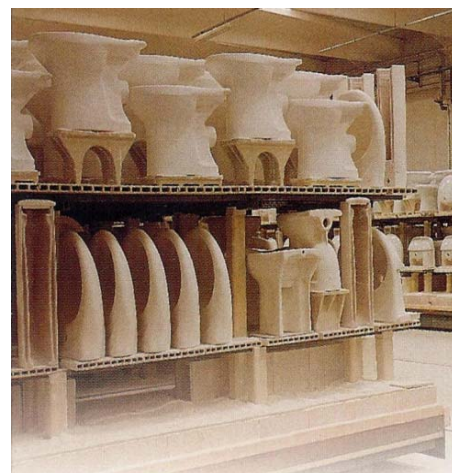
ПРИМЕНЕНИЕ



APPLICATIONS

APPLICAZIONI

ПРИМЕНЕНИЕ





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