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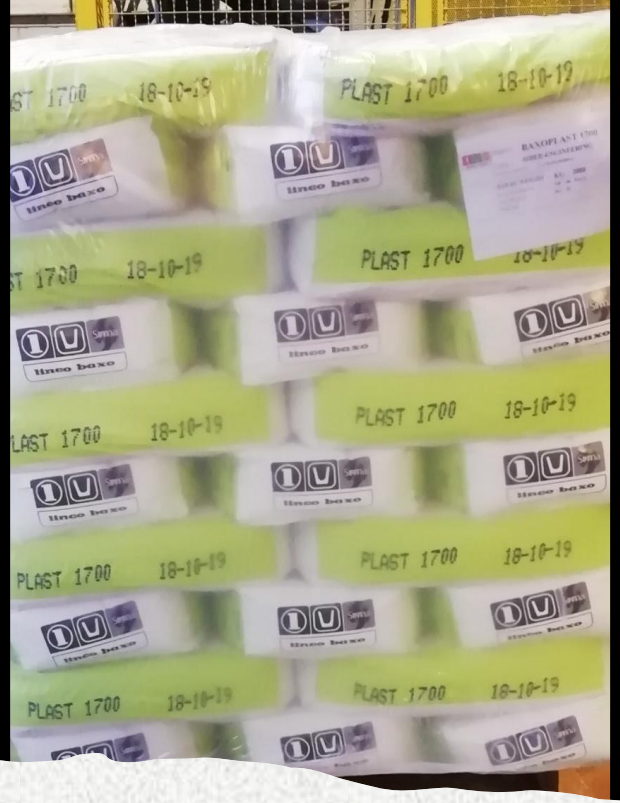
RANGE OF PRODUCTS

BAXOPLAST







HIGH QUALITY PLASTIC CASTING MIX WITH SUPERIOR PERFORMANCE

BAXOPLAST RANGE COUPLES PERFORMANCE OF MOULDABLE AND EASY APPLICATION

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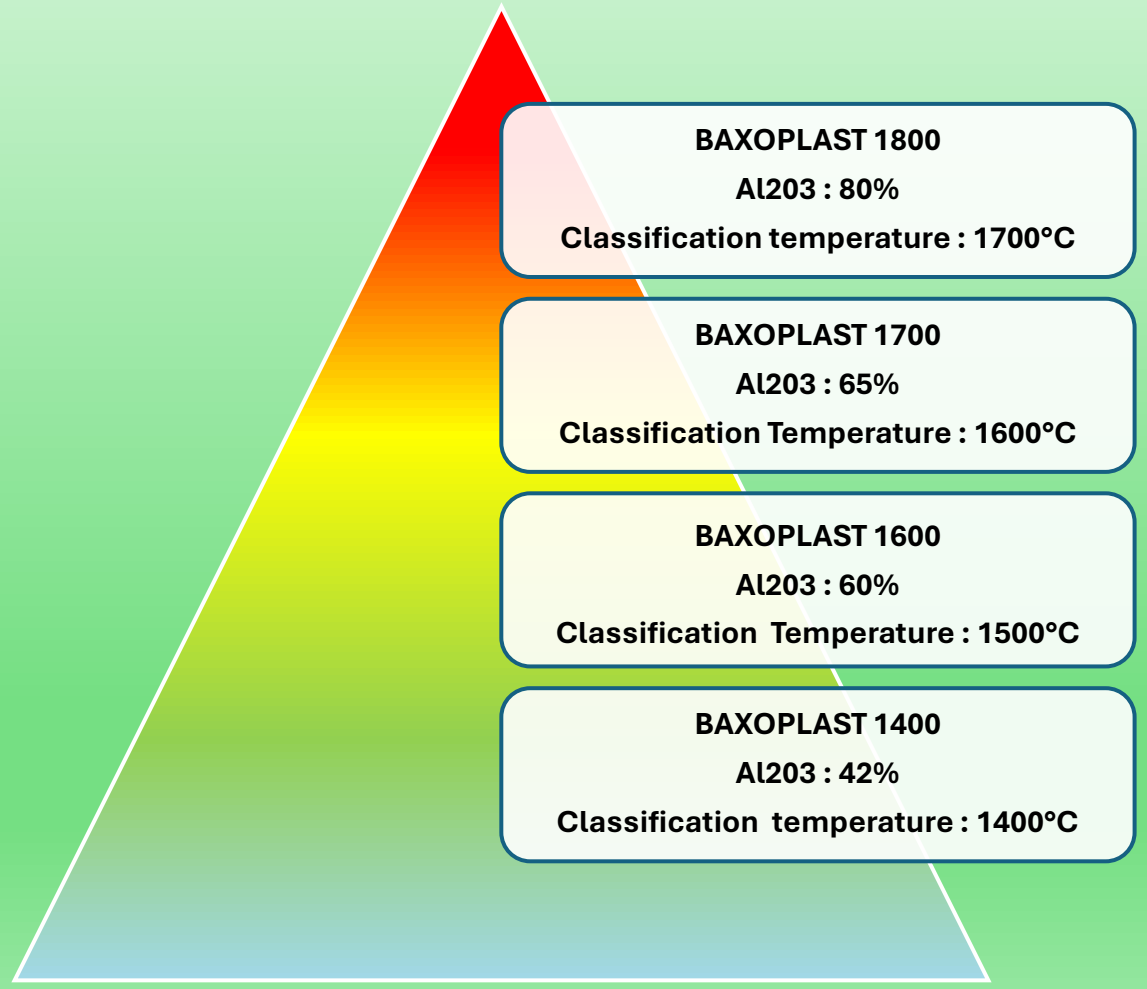
The World of LINCO BAXO

Design, Development, Manufacture and Supply
of LINCO BAXO, KERO, MAREF and SIRMA
Refractory Monolithics, Bricks, Blocks and Shapes

PRODUCTS DESCRIPTION



BAXOPLAST 1800

Al203 : 80%

Classification temperature : 1700°C

BAXOPLAST 1700

Al203 : 65%

Classification Temperature : 1600°C

BAXOPLAST 1600

Al203 : 60%

Classification Temperature : 1500°C

BAXOPLAST 1400

Al203 : 42%

Classification temperature : 1400°C

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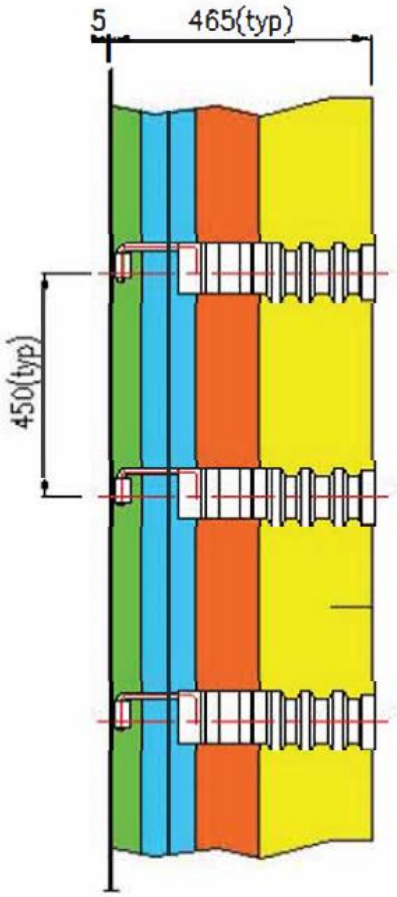
PRODUCT DESCRIPTION

FURNACE LINING



BRANDNAME	DESCRIPTION	Al_2O_3
BAXOPLAST 1400 / 1600 BAXOPLAST 1700 / 1800	Plastic gunning mix	40 / 60 70 / 80
ISOM 23A/26	Insulating bricks	38 / 58
SILTHERM 1000/1100	Calcium silicate boards	
PARGAS / BASALAN	HT mineral wool boards	
Anchor bricks Hooks	Ceramic anchors Stainless steel anchors	A300 / Maref ARP A313+A324

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PRODUCT DESCRIPTION







available in various thicknesses, sizes, and densities to meet the specific needs of your project

Aggregate chemistry and grain sizing high purity binder systems Installed by cast, gun or roughcasting .It incorporates an intermediate-purity binder and closely sized premium aggregates

These plastic casting mixes are designed for use in high temperature applications with a recommended water content, they can be easily mixed and formed to create custom shapes for your unique requirements

Plastic casting mixes for service up to 1800°C Suitable for applications where thermal shock and moderate impact resistance is important

They exhibit excellent volume stability. Many furnace operators select BAXOPOLAST for all purpose service where operating temperatures are between 1300°C and 1800°C.

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PRODUCT DESCRIPTION

BAXOPLAST RANGE SPECIFICATIONS

Specifications	BAXOPLAST 1400	BAXOPLAST 1600	BAXOPLAST 1700	BAXOPLAST 1800
Recommended use limit (° C)	1400	1600	1700	1700
Recommeded Water range % by weight	13 -15			
Method of installation (casting / gunning)	Casting / gunning			
Shelf life	12 Months			
Physisca l Properties				
Dried at 105°C	2060	2220	2260	2590
Fired at 815°C	1960	2150	2190	2570
Cold crushing strength (MPA)				
Dried at 105°C	8	10	15	20
Fired at 815°C	15	20	20	25
Permanent linear change (%)				
Fired at 815°C	0,25	0,25	0,28	0,1
Chemical Analysis (%)				
Al203	42	58	63	80
Sio2	44	37	32	5
Fe203	3	1	0,9	1,5
Cao	9	4	4	4
Thermal Conductivity (w/mk)				
200°C	0,71	0,9	1	1
400°C	0,64	0,91	0,98	0,98
600°C	0,65	0,92	0,98	0,98
800°C	0,75	0,94	0,98	0,98
1000°C	0,78	1	1,1	1,1

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APPLICATIONS

- Reheating furnace roof & sidewalls :

  PTF, WBF, RHF, BHF
- Linings around water-cool boiler beams
- Boiler ash hoppers









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REFERENCE LIST

CONTACT

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Via C.Boncompagni nr 51/ 8

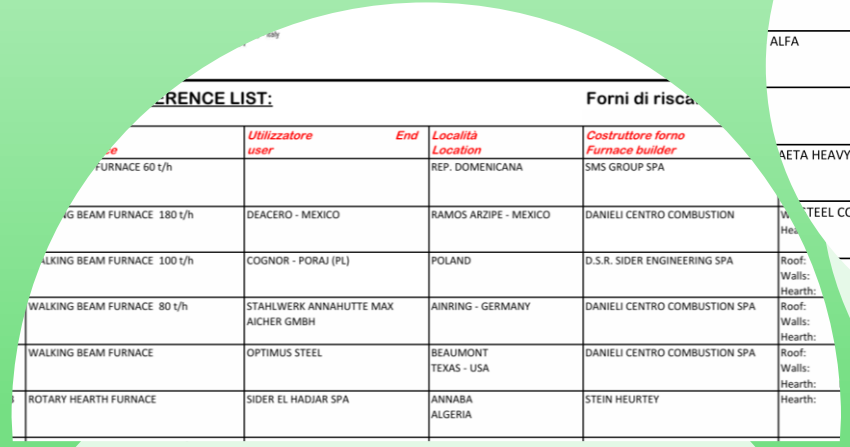
20139 MILANO

TEL : + 39 025520041 info@lincobaxo.com



Forni di r

e End	Località Location	Costruttore forno Furnace builder
ES LANDES	FRANCE TARNOS	FORNI & COMBUSTION
	EGYPT	LOI THERMPROCESS GM
	RUSSIA NIZHNY TAGIL	JSC EVRAZ NTMK
- GROUP CEVITAL	ALGERIA ORAN	FORNI & COMBUSTION
KY	RUSSIA SVERDLOVOSK	SMS GROUP SPA
	TURKEY ISTANBUL	DANIELI CE
	AUSTRIA LINZ	



ERENCE LIST: Forni di risca

e	Utilizzatore End user	Località Location	Costruttore forno Furnace builder	
FURNACE 60 t/h		REP. DOMENICANA	SMS GROUP SPA	
G BEAM FURNACE 180 t/h	DEACERO - MEXICO	RAMOS ARZIPE - MEXICO	DANIELI CENTRO COMBUSTION	W Hea
LKING BEAM FURNACE 100 t/h	COGNOR - PORAJ (PL)	POLAND	D.S.R. SIDER ENGINEERING SPA	Roof: Walls: Hearth:
WALKING BEAM FURNACE 80 t/h	STAHLWERK ANNAHUTTE MAX AICHER GMBH	AINRING - GERMANY	DANIELI CENTRO COMBUSTION SPA	Roof: Walls: Hearth:
WALKING BEAM FURNACE	OPTIMUS STEEL	BEAUMONT TEXAS - USA	DANIELI CENTRO COMBUSTION SPA	Roof: Walls: Hearth:
ROTARY HEARTH FURNACE	SIDER EL HADJAR SPA	ANNABA ALGERIA	STEIN HEURTEY	Hearth:



NCE LIST: Fo

	Utilizzatore End user	Località Location	Costru Furnace
E	ACCIAIERIE VENETE SPA	ITALY PADOVA	SIEMENS S
CE 80 t/h	ARBZ	KAZAKISTAN AKTOBE	SIEMENS SPA
CE	WATANI IRON STEEL CO.	SAUDI ARABIA RIYADH JEDDAH	AXIOM
t/h	ADA ACERIA DE ANGOLA	ANGOLA LUANDA	SIDER ENG
	KAVIR STEEL COMPLEX (K.S.Co.)	ANGOLA ESFAHAN	DANIE
	SOUTH ROUHINA STEEL COMPLEX (SRSC)	IRAN KHOUZESTAN	
	STEEL	AUSTRALIA	



Forni di riscald

e End	Località Location	Costruttore forno Furnace builder
	COLOMBIA	SMS GROUP SPA / SIDER ENGINE SPA
ALFA	HONDURAS	DANIELI CENTRO COMBUSTION SP
	ALGERIA	DANIELI CENTRO COMBUSTION SP
AETA HEAVY INDUSTRY	SPAIN IRAETA GUIPUZCOA	SMS GROUP SPA
TEEL CO.	IRAN ESFAHAN	TENOVA SPA
	UKRAINE DNEPROPETROVSK	DANIELI CENTRO CO
	BOLIVIA	DANIE



ELORMITTAL	GERMANY HAMBURG	DANIELI C
LCO STEEL	EGYPT SUEZ	DANIELI C
ACCIAIERIE VENETE SPA	ITALY PADOVA	DANIELI C
ACCIAIERIE DI VERONA SPA	ITALY VERONA	DANIELI C
COR	USA MARION	SMS GROU
ATAU STEEL	INDONESIA CILEGON	SMS GROU
DIVISION	USA ROANOKE VIRGINIA	S



Forni di riscaldo /

zatore End r	Località Location	Costruttore forno Furnace builder
COR Steel Gallatin	USA GHENT	SMS GROUP SPA
OMK Chusovoy	RUSSIA CHUSOVOY	DANIELI CENTRO COMBUSTIO
OMK	RUSSIA	DANIELI CENTRO COMBUSTIO
OMK	RUSSIA	DANIELI CENTRO COMBUSTIO
OMK	RUSSIA	DANIELI CENTRO COMBUSTIO
ukand Sumi Special Steel	INDIA	SMS GROUP SPA



Refractories expertise together , since 1949

THANK YOU