

ABRO MIX T

Erosion resistant chemically bonded refractory mix





PRODUCT DESCRIPTION

ABRO MIX T

- It is a chemically bonded, <u>single</u>
 <u>component</u>, air setting refractory dry mix
- Multipurpose refractory mix for severe operations
- Wide range of applications
- Is tailored for thin linings withstanding to abrasion and erosion



TECHNICAL DATA

ABRO MIX T

The product is mixed with (about) 7,5% of water for 5 minutes

Main features				
	ABRO MIX T			
Density	2680 Kg/m ³			

Chemical composition

	ABRO MIX T	
Al ₂ O ₃	77%	
SiO ₂	10%	
Fe ₂ O ₃	1%	
CaO/MgO	4,1%	
P ₂ O ₅	4,4%	
Alkalis	0,3%	



PRODUCT APPLICATIONS

ABRO MIX T

It can be applied:

- By hand
- Hand ramming & patching
- Vibro cast



PRODUCT APPLICATIONS

ABRO MIX T

Particularly suitable for applications in areas where high abrasion/erosion resistance is required. Also applicable as lining on hexmesh nets





TECHNOLOGICAL TESTS

ABRASION CERTIFICATE BY RTM BREDA - MILAN STANDARD: ASTM C704

Linco Baxo Identification	Description	RTM Breda Identification
ABROMIX T 29-2-16 I	Plate 110x110x26mm	416-16 A01
ABROMIX T 29-2-16 II	Plate 110x110x26mm	416-16 A02

Test results

Mean	1.40	
416-16 A01 416-16 A02	1.42	
Sample mark	5h at 815°C Loss/cm ³	
ABROMIX T	ASTM C704 after firing	
Refractory material	Erosion Test	



ABRO MIX T DATA SHEET



Exercise Constraints of the exercise of t		range of products		
Code no.: PF072050 - Dr TEMP. DI CLASSIFICAZIONE - LASSIFICAZIONE TEMPERATURE In uncorrosive and neu COMPOSIZIONE CHIMICA CHEMICAL COMPOSITION RESISTENZA ALLA COMPRESSIONE A FREDDO COLD CRUSHING STRENGTH Dopo cottura a	auxiliaries tailored to customers need			
TEMP. DI CLASSIFICAZIONE - In atmosfera non corro CLASSIFICATION TEMPERATURE In uncorrosive and neu COMPOSIZIONE CHIMICA CHEMICAL COMPOSITION RESISTENZA ALLA COMPRESSIONE A FREDDO COLD CRUSHING STRENGTH Dopo cottura a	ABRO MIX T			
CHEMICAL COMPOSITION RESISTENZA ALLA COMPRESSIONE A FREDDO COLD CRUSHING STRENGTH Dopo cottura a	siva e neutra	1450	°C	
COLD CRUSHING STRENGTH Dopo cottura a	Al ₂ O ₃ SiO ₂ Fe ₂ O ₃ CaO/MgO P ₂ O ₅ Alkalis	77 10 1 4,1 4,4 0,3	% % % %	
(1 N/mm ² = 10,2 Kg./cm ²)	815 °C.	100	MPa	
MODULO DI ROTTURA MODULUS OF RUPTURE 11 N/mm ² = 10,2 Kg./cm ²)	815 °C.	15	MPa	
CONDUCIBILITA' TERMICA THERMAL CONDUCTIVITY at (1 W/mk = 0,86 Kcal/m h °C.)	200 °C. 400 °C. 600 °C.	2,10 2,13 2,20	W/mk W/mk W/mk	
VARIAZIONE DIMENSIONALE Dopo cottura a LINEAR CHANGE OF DIMENSION After firing at	815 °C.	- 0,4	%	
RESISTENZA ALL'ABRASIONE EROSION LOSS Dopo cottura a After firing at	815 °C.	2,0	cc	
CONFEZIONE in saechi di carto da kg. 25 imbaliati su paliet pistificati da kg. 1.600. Imballi speciali e/o export a richiesta.	815 °C.	2680	Kg/mc	
shrink-wrapped pallets of kg. 1.600. REQUIRED MATERIAL	MATERIALE NECESSARIO REQUIRED MATERIAL (senza scarto/without allowance)			
METODO DI APPLICAZIONE APPLICATION METHOD GETTO VIBRATO BY VIBRO CAST PESTELLATURA MANUALE BY HAND RAMM. / PATCHING ACQUA D'IMPASTO/MIX	ING WATER	7,5	%	
CARATTERISTICHE: Calcestruzzo refrattario con un'ampia gamma di usi generali. Multipurpose mix for Materiale a presa aerea e legante chimico a singolo applications. It is a si componente, è principalmente indicato in zone di particolari morte la participal de concercol catili	severe operations wil ngle component, chem-b thin linings withstand	onded air s ing to abr	etting min asion and	
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			Group 7.2	

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