

TIKOBOND 27

Technical Data Sheet

Material

TIKOBOND 27 is a ready-to-use detaching cement used to preserve substrates from deterioration. It can be used in direct contact to melted metal

For further information visit www.deltaphoenix.it

General informations

Main component:	Zircon
Granulometry:	0-0,1 mm
Highest usage temperature:	1700 °C
Chemical analysis after heating at 150 °C:	Al ₂ O ₃ +TiO ₂ : 24-26 % ZrO ₂ : 45-48 % SiO ₂ : 27-30 %
Density after setting:	2400-2600 [kg/m ³]
Density after heating at 1000 °C:	1100-1200 [kg/m ³]
Application:	by brush after pre-mixing
Drying:	150 °C

Main technical characteristics

TIKOBOND 27 is a ready-to-use detaching cement used to preserve substrates from deterioration with the following main technical characteristics:

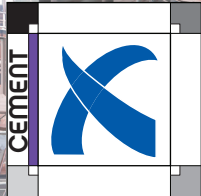
- form a protective layer between melted metal and refractory substrate
- high refractoriness
- ready-to-use
- fast drying. It can be used also by gun, it does not create bubbles and cracks

Fields of application

- Binder for silica, alumina and zircon based bricks
- Preserving cement for Aluminum furnaces
- Detaching cement for Aluminum, Pig Iron, Steel, Copper, Ferro-Alloy



TIKOBOND 27 is an official brand of Delta Phoenix srl
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TIHOBOND 27

Application

Storage

TIHOBOND 27 package: 30 kg or 10 kg plastic barrels.

To preserve best conditions, it's necessary to store material in fresh, haired, dry warehouse, lifted from floor and far from walls.

Storage temperature: 5 °C - 30 °C

If all the information above are confirmed, storage time is 12 months

Essential tools

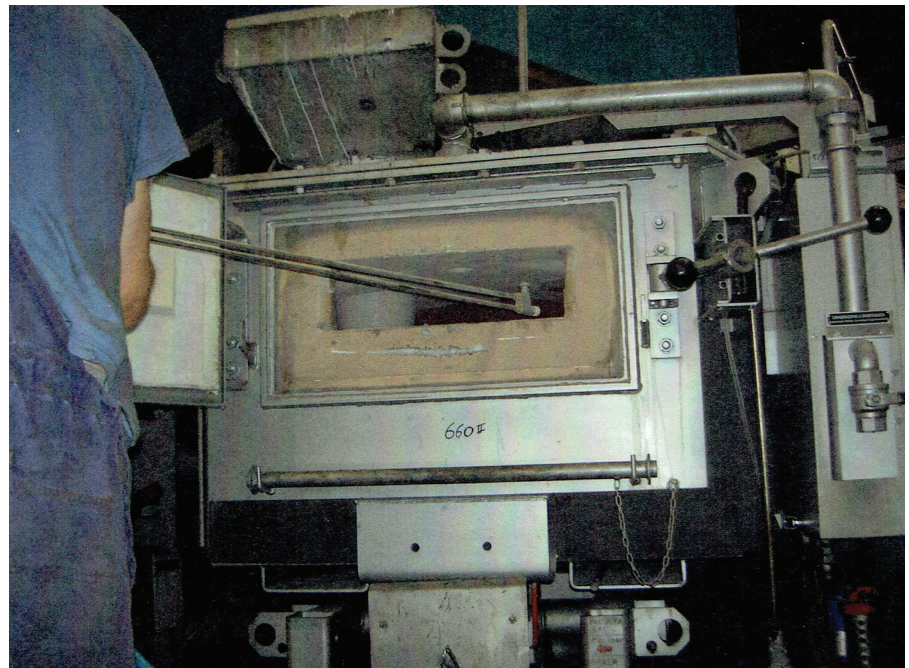
TIHOBOND 27 is a ready-to-use refractory cement which can be applied by brush(wearing protective gloves) or by spray

Preparation of the support

Clean surfaces (bricks, concrete, carpentry,...)where material is needed. No dust, slug, metals and any other unstable element is allowed.

Implementation and drying process

1. Apply **TIHOBOND 27** by brush or by spray. It is possible to add 3-10% of water to reduce initial viscosity, but it is better to do not add any percentage of water.
2. It is possible to start drying process immediately after application. Material does not create any bubbles or cracks.



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