



PT. ANDALAN KONSTRUKSI INDONESIA

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CONBREAK

Uses

Generating crack to break concrete, rock and stone for demolition purpose.

Advantage

- Non-explosive
- Easy and safe to use
- Cracking control
- Time and cost saving
- No vibration and noiseless working
- Potential damage to surrounding object can be minimized

Description

Conbreak is a special formulation product to be used to break concrete, rock and stone into pieces so that can be easily removed / demolished. It is a ready to use prepack blended powder, to be mixed with water in proper recommended ratio.

Conbreak is a non-explosive product and will gently crack the concrete or rock so this product eliminates the need to utilize jackhammer or explosive material on breaking concrete, so in term of cost and working time can be reduced significantly also there are benefit from safety point of view like no flying rock, no vibration which can be potential damage to surrounding working area (compared against using explosive material).

Conbreak can be employed for concrete, rock and stone



Application

Preparation

Drilling 1 - 1½ inches drill bit, holes should be drill 25-30 cm apart 80-90% of depth (using smaller drill bit will reduce expanding strength)

Mixing

Conbreak should be added to clean water in following proportions ;

1 part clean water : 3 parts Conbreak (by weight)

Mix to a flowable consistency in a suitable mixing bucket. Utilizing mixer is compulsory to have proper mixing and avoid any improper mixed

Placing

To gain full benefit of the expansion process and flow, place the mixed to holes as soon as possible after mixing (max 15 minutes after mixing)

The crack may appear after 2 to 8 hours of filling, depending on ambient and core temperature, humidity, rock or concrete hardness



Drill holes to the concrete



Filled up with Tii-Conbreak slurry



Cracking up the concrete (after few hours)

Handling

Provide proper protection equipment against accidental may occur



DO NOT leave excess Conbreak slurry on the bucket as blow out may occur. Dispose of waste by adding a lot of water and according to local regulation

DO NOT TAKE THE PPE (PERSONAL PROTECTIVE EQUIPMENT) OFF DURING APPLICATION

Packaging

5 kgs in HDPE pail

Shelf life

12 months with stored properly and kept tightly sealed

Storage

It is recommended to be stored at temperature between 25-40 C. Store in cool and dry place avoid heating and missing the product. Keep container properly close, do not leave container in open case. Provide good ventilation.