

1-hour Cracking Type of Non Explosive Demolition Agent

POWER BRISTAR

Onoda Corporation who had developed a non-explosive demolition agent first in the world has developed POWER BRISTAR, a new type of the non-explosive demolition agent that can demolish rocks or concrete in **1 hour**.

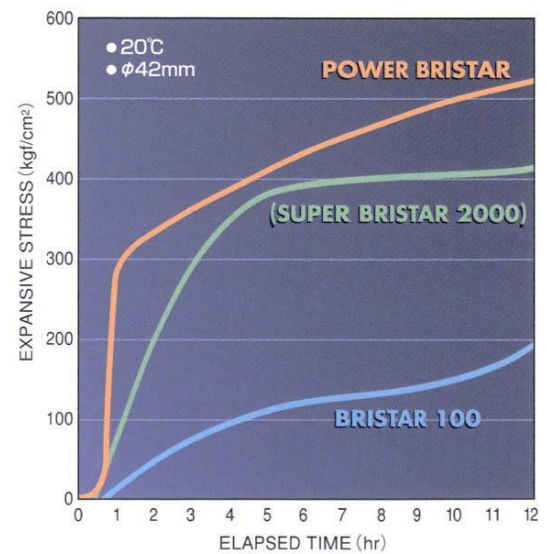
More effective demolition work can be conducted with the POWER BRISTAR.

Feature

- 1 Shorter cracking in 1 hour.
- 2 More powerful demolition.
- 3 Low vibration, low noise and no fly rocks.
- 4 Easy handling.
- 5 No license to use.

Kinds of POWER BRISTAR

Kinds	Hole Diameter (mm)	Temperature of materials to be demolished		Temperature of POWER BRISTAR	Temperature of Water
		Applicable Range	* Possibility of Blown-out shots		
Power Bristar H	42~44	25~35°C (77~95°F)	35°C (95°F)	max.35°C (95°F)	max.30°C (86°F)
Power Bristar M		15~25°C (59~77°F)	25°C (77°F)	max.25°C (77°F)	max.20°C (68°F)
Power Bristar L		5~15°C (41~59°F)	15°C (59°F)	max.15°C (59°F)	max.10°C (50°F)
Power Bristar U		-5~5°C (23~41°F)	5°C (41°F)	max.5°C (41°F)	max.5°C (41°F)



RELATIONSHIP OF EXPANSIVE STRESS AMONG POWER BRISTAR, SUPER BRISTAR 2000 AND BRISTAR

* Each kind of POWER BRISTAR should not be used beyond this temperature.

H

How to Use

- 1 1 liter of water should be in a container for mixing.
- 2 1 bag(5kgs)of POWER BRISTAR should be added to the container.
- 3 The mixing should be carried out with a hand wearing rubber gloves or with a hand-mixer for 10 seconds.
- 4 The mixed POWER BRISTAR should be poured into holes just after mixing.
- 5 The pouring work should be finished within 2 minutes.
** While pouring the mixed POWER BRISTAR into holes, do not put your face and body above the poured hole.*
- 6 The holes filled with POWER BRISTAR should be successively covered with sheets.
- 7 Never look into holes filled with POWER BRISTAR until cracks occur.



WARNING

Prior to handling POWER BRISTAR, surely read the Warning Sheet inside the box or brochure for the POWER BRISTAR.

Eyes or bodies may be injured with blown-out shots.

The main component of POWER BRISTAR is quicklime and is a high alkaline product.

- I In order to avoid accidents to be caused by the blown-out shots,
 1. Protective glasses, rubber gloves, mask and a hard hat should be worn whenever POWER BRISTAR is handled.
 2. Do not look into holes filled with POWER BRISTAR from filling work to occurrence of cracks.
- II If POWER BRISTAR gets into an eye, immediately rinse it off with clean water for more than 15 minutes and consult an ophthalmologist.
- III If POWER BRISTAR comes in contact with skin, rinse it off with water immediately since it irritates the skin.

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