

# DEXPAN

## Non-Explosive Demolition Agent

### DESCRIPTION

DEXPAN is a hydro-expansive grout suitable for application in temperatures between 10°C and 25°C. It is typically used to fracture rock, or reinforced concrete. It is also being used to break up pier caps, foundations as well as being used to fracture granite, limestone, marble, sandstone, quartzite, volcanic rock (porous, or not). This product may also be used in underwater excavation, where explosives cannot be used.

### USES

DEXPAN is ideally suited for all demolition work but particularly where the use of explosives will cause damage, pollution, danger or inconvenience to the surrounding environment. Quarries, demolition works, breaking out before concrete repair and mining are some of the areas where DEXPAN will save the user time, money and inconvenience.

### ADVANTAGES

- Noise and vibration free.
- Environmentally friendly, no dust, flyrock, gas or debris.
- Easy of application by non-skilled operatives.
- Less hazardous than conventional methods.
- No license or special expertise required for usage.
- Expansive stress of more than 28MPa.
- Economical - savings in manpower, product cost and removal of waste.

### PROCEDURE

**Application:** Pre-drill 36mm diameter holes, typically at 200mm centres - in accordance with the drilling pattern for the particular application and remove as much debris as possible. After area is prepared for installation of product you will make your mix with one 5kg bag and 1 ½ litres of water. You will mix until there are NO clusters of DEXPAN visible. Once slurry is established you will apply product as needed to holes depending on

your application. If your application is questionable or you want to confirm your application is correct, please call and speak to the Premcrete Technical Department. Once product is poured you want to agitate the holes to remove any air pockets. After which you should not walk or look in any hole product was applied to. DEXPAN is not guaranteed to work in sections of concrete/stone that are less than 200mm thick.

**Equipment Cleaning:** Tools and equipment should be cleaned immediately using water.

### PACKAGING & COVERAGE

**Pack Size:** 20kg (4no. 5kg units)

**Coverage:** A 20kg pack will fill 10 linear metres of a 38mm diameter hole.

### STORAGE & SHELF LIFE

Store in cool, dry, frost-free conditions.

### HEALTH & SAFETY

See separate material safety datasheet