



VITCON 7002 ANCHOR R

Rock Anchoring Resin Capsule

DESCRIPTION

VITCON 7002 ANCHOR R is a ready to use polyester resin based anchoring capsule with measured proportion of catalyst and non-reactive filler. VITCON 7002 ANCHOR R provides a unique method of anchoring bolts into rocks or concrete, used during tunneling for rock stabilization.

TECHNICAL DATA

Gel Time at 30 °C	2 -3 minutes
Tensile Strength in 1 hr	Over 300 kg/cm ²
Compressive Strength in 1 hr	Over 800 kg/cm ²
Bond Strength in 24 hrs	15 tones

ADVANTAGES

- Ready to use product
- Fast development of strength
- Total resistant to chemical and corrosive environments met in tunnels and drivages
- Easy to apply with permanent anchorage
- Prevents bed separation totally because of reduction in setting time
- Distributed anchorage with no localized high stress

APPLICATION METHODOLOGY

- Drill the hole up to desired diameter and length as per specification.
- Clean the hole thoroughly by blowing compressed air to make the hole totally free of rock dust and water before application.
- Insert suitable number of correct diameter resin capsule with the help of rebar bolt taking care that the capsules do not puncture during insertion in the hole.
- Bolt is attached to rotator machine through a spinning adaptor and rotated progressively through capsules until bottom of the hole is reached.



- Spin the bolt at about 120 r.p.m. for 30 – 45 seconds in order to ensure homogeneous mixing of resin and hardener.
- Leave the bolt undisturbed until resin gets set totally.
- Remove adapter.

HEALTH & SAFETY

- VITCON 7002 ANCHOR R is non toxic, non flammable and non hazardous.
- Any splashes on the skin should be washed immediately with water.
- Splashes on the eyes should be washed immediately with water and seek medical advice.

PACKING

- 24 mm dia x 300 / 450 / 500 mm length
- 32 mm dia x 250 / 300 mm length
- 38 mm dia x 300 mm length
- 40 mm dia x 300 mm length

We can supply most other lengths/diameters as per individual requirement.

STORAGE

Must be stored in original packing at temperature below 25 °C dry place under shed. Protect from direct sunlight.

SHELF LIFE

Three months from the date of manufacturer in original sealed condition under appropriate storing conditions.