



VITCON 7001 ANCHOR C

Non Shrink Cementitious Anchor Capsule

DESCRIPTION

VITCON 7001 ANCHOR C is a ready to use cementitious powder based anchoring capsule with a perforated skin. VITCON 7001 ANCHOR C imparts controlled expansion characteristics stabilizing the grout system to achieve high early strength. VITCON 7001 ANCHOR C is mostly used for fixing of steel rock bolts or wooden dowels to control rock strata during tunneling and mining.

TECHNICAL DATA

Soaking Time	< 6 minutes
Compressive Strength in 24 hrs	> 11 Mpa
Anchorage Strength in 24 hrs	> 9 tones

ADVANTAGES

- Ready made dry capsule
- Easy to apply
- Non shrink- reduces development of cracks and ensures effective contact
- Chloride free
- Thixotropic property reduces loss of grout during overhead applications

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.
- Before application the capsule is submerged in water for a minimum of 3 minute to allow sufficient water to be absorbed through perforated skin ensuring the formation of non shrink thixotropic grout. Water submerging is ensured when there is release of air bubble from the capsule.
- Remove extra water from the surface of the capsule and insert calculated number of wet capsules till the depth of hole. The insertion is ensured with the help of a stemming rod or similar items.



- The rock bolt or dowel is inserted and pushed to the bottom of the hole with the aid of a rotator machine.
- Rotation is recommended at a speed of 150 – 400 rpm.
- Detach drill from spinning adaptor & remove adaptor.

HEALTH & SAFETY

- VITCON 7001 ANCHOR C 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

- 25 mm dia x 300 / 450 / 500 mm length
- 32 mm dia x 250 / 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.