

# MITCHANCHOR

Epoxy Resin Grout For Fixing Bolts & Anchors



## DESCRIPTION

**MITCHANCHOR** is a specially designed two components epoxy resin grout for corrosion and chemical resistant, high strength anchoring and grouting applications. It is equally effective for fixing of bolts and reinforcement bars to concrete, masonry and stone. It is particularly useful for situations where early application of load is required.

**MITCHANCHOR** is supplied, as a two component system, in pre-measured quantities of resin, hardener and selected aggregates, for easy on-site mixing just prior to application.

## USES

- **MITCHANCHOR** is ideal for high speed, high strength anchoring, holding down bolts for machinery, crane rails, railway tracks connected to concrete sleepers etc.
- **MITCHANCHOR** can be used for rock bed anchors and fixing of marine equipment.
- **MITCHANCHOR** facilitates permanent installation of starter bars, base plates, tower anchors, foundation bolts etc.

## BENEFIT AND FEATURES

- Rapid setting and strength achievement
- No expansion, no shrinkage
- Resistant to corrosion
- Resistant to vibration
- Shorter depth and smaller holes
- Waterproof
- High load bearing capacity

## HOLES PREPARATION

The holes must be dust free and rough sided in order to realize maximum benefit out of **MITCHANCHOR**. Rotary drilling with flushing by air is recommended. In case of holes drilled on parallel sides, they should be rough to provide sufficient anchorage. When holes are diamond drilled, they have to be under-reamed.

## BAR PREPARATION

All bars or bolts should be degreased and rust flakes are to be removed before use.

## MIXING & PLACING

Mixing of one pack should be done in a single operation, mechanically. Placing should be done within the gel time, which decreases with increase

in temperature. Ensure a smooth, even consistency of the grout before placing.

## PROPERTIES

Pot Life @ 30°C	30 Minutes
Initial Hardness	08 Hours
Ready for Load Application	36 Hours
Density	1.7 – 1.9
Compressive Strength	65 N/mm <sup>2</sup>
Flexural Strength	15 N/mm <sup>2</sup>
Adhesion to Concrete	4-5 N/mm <sup>2</sup>
Modulus of Elasticity	10000 N/mm <sup>2</sup>

## YIELD

0.5 L/ Kg

## SHELF LIFE

12 months in sealed containers under normal conditions.

## PACKAGING

2 kg packaging consisting of Part A-Resin, Part B - Hardener

## HEALTH & SAFETY

**MITCHANCHOR** contains resin which may cause irritation by skin contact. Avoid contact with skin and eyes. Remove splashes with resin removing cream followed by soap and water.

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