



ROCK TOP 221



Al-Obour Buildings - Salah Salem Road - Nasr City - Cairo - Egypt



10th Of Ramadan City



info@CityChem.net



[@City_Chem](https://twitter.com/City_Chem)



[City Chem](https://www.facebook.com/CityChem)



+202 240 456 35



+2010 277 810 11



+2010 672 213 44

SCOPE 1

This method statement describes the step by step procedure of **ROCK TOP 221** as high strength repair for concrete

SYSTEM DESCRIPTION 2

ROCK TOP 221 is Two-component, cement based polymer modified, repair mortar with added polyamide fibres, to form a high strength repair mortar for concrete

USES

As an economical and easy to use concrete repair mortar suitable for:

- Bridges.
- Water Retaining structures.
- Making good damaged edges and joint arises.
- Repairing honeycombing.
- Concrete repair in general.

ADVANTAGES

- Easy to mix and apply
- Excellent adhesion
- Good mechanical strength
- Good water and oil resistance
- Increase resistance to salt water, chlorides and carbonation
- Non-toxic and non-flammable
- High abrasion resistance

3 APPLICATION

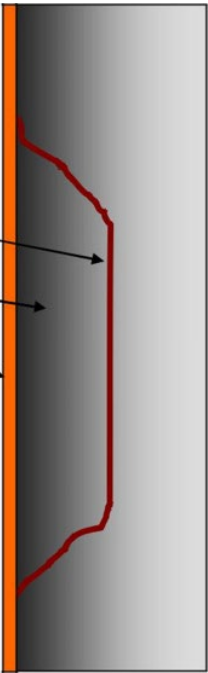
3.1 SURFACE PREPARATION

- The concrete surface should be clean, sound, and free from dust, cement laitance, loose particles, oil, grease or any other contamination.
- Saturate concrete substrate thoroughly with clean water prior to the application. The surface should be damp, not absorbent, no standing water and no surface water from pre-wetting.

3.2 MIXING

- **Form** A= Liquid B= Powder
- **Color** Concrete grey
- **Mixing Ratio** Comp A:B = 1:6 parts by weights

- Pour approximately 4/5 of component (A) into mixing container.
- Add component (B) while continuing to mix . Mix to a uniform consistency for 3 minutes.
- Add remaining component (A) to mix if a greater consistency is required.
- Use a mechanically powered low speed drill (400-600 rpm) with mixing paddle.



Bonding Agent
ROCK TOP 221

Repair Mortar
ROCK TOP 221

Pore Sealer
ROCK TOP 221
(Optional)

3.3 APPLICATION

- Apply with spatula or trowel revired profile for large
- Applications use ROCK TOP 221 as a bond coat pot life at 30C is 25 minutes

3.4 FINISHING

- As soon as the mortar has started to set it can be smoothed by wooden or synthetic float or sponge.

3.5 LIMITATIONS

Minimum thicknes per application : **3 mm**

Maximum thickness per application : **20 mm**

3.6 CURING

- Where ambient conditions may lead to rapid surface drying, the use of light water foggig for 48 hrs, or a suitable curing compound like Antisol range is recommended

3.7 CLEANING

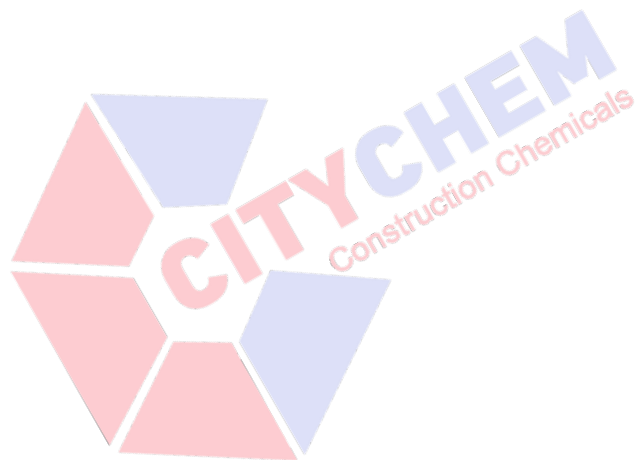
Clean all tools and equipment with water immediately after use. Cured material can only be removed mechanically.

Technical Department

The Information Herein is Based on Our Present Knowledge and Experiences. This Information Merely Describes the Properties of Our Products but No Guarantee In the legal Sense Shall Be Implied. We Recommend Testing Our Products As To Their Suitability For Your Envisaged Purpose Prior To Use

No Warranties Of Any Kind, Either Express or Implied Including Warranties of Merchantability or Fitness For a Particular Purpose Are Made Regarding Any Products Mentioned Herein and Data or Information That Such Products, Data or Information May Be Used Without Infringing Intellectual Property Rights of Third Parties

We Reserve The Right To Make Any Changes According To Technological Progress or Further Developments
This Copy Replaces All Previous Versions – Printed in Egypt - 2019



 Al-Obour Buildings - Salah Salem Road - Nasr City - Cairo - Egypt
 10th Of Ramadan City

 info@CityChem.net

 [@City_Chem](https://twitter.com/City_Chem)

 [City Chem](https://www.facebook.com/CityChem)



+202 240 456 35



+2010 277 810 11



+2010 672 213 44