

# X-Roc Finish Putty

Cement based polymer modified putty for smoothing substrates prior to coating.

## Product Description

X-Roc Finish Putty is a Single component ready to use cement-based, polymer modified pre-bagged putty in powder form. X-Roc Finish Putty is highly effective in smoothing cement based plastered walls and ceilings prior to painting and coating applications.

## Composition

X-Roc Finish Putty consists of Portland cement and smooth fillers and selected additives enhancing workability and adhesion.

## Advantages

- Easy to apply.
- Excellent bonding to plastered substrates.
- Breathable.
- Compatible to wide range of substrates.
- Excellent resistance to extreme weather.
- Single Component.

## Uses

- Smoothing cement based plastered walls and ceilings prior to painting and coating applications.
- Used in patching of pre-cast concrete products.

## Laboratory Test Data

Property	Typical Results
Nature	Powder
Colors	Grey and white
Paste specific gravity	1.85 ± 0.05 g/cm <sup>3</sup>
Density bulk	1.5 Kg/l
Recoat time	2 hours
Powder water ratio	0.3 – 0.34
Pot life	30 - 40 min
Bond strength	> 1000 KN/m <sup>2</sup> at 28 days

## Coverage

10 - 12 m<sup>2</sup> for DFT 1mm for hand application  
4 - 6 m<sup>2</sup> for DFT 2mm for hand application  
2 - 2.5 kg/m<sup>2</sup> for spray application.

And all of these consumption depend on surface nature and wastage of technical.

## Packaging

20 & 40 kg bags.

## Shelf Life

12 months when stored below 35°C under shade in a dry environment.

## Surface Preparation

All substrates should also be clean and free from any loose particles, dust, oil, grease or curing agents. Any problem in the substrate which may lead to water penetration must be rectified.

All substrates should be in a good and strong condition. Plastered substrates should be left to cure for at least 3 days prior to application of X-Roc Finish Putty .

## Application Guidelines Mixing

Add X-Roc Finish Putty to water and mix for Approx. 6 to 6.4 liters of water/ 20 kg bag. Adjust water content within the mentioned range to achieve desired workability. The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or high shear stationary mixer.

Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.

Add fresh cool, clean water in one deep container. Then, add the contents of the bag gradually and mix till the mixture is uniform and free of lumps. For best results, use as little water as possible. Keep mixing for 3 - 5 minutes, to insure proper mixing and good dispersion of additives. If the surface is dry and in hot weather, pre-wet prior to the application of X-Roc Finish Putty without leaving excess water

Working time 30 to 40 min

## Application

X-Roc Finish Putty should be immediately applied on the surface to be applied, while the mortar is fresh and workable. In case of delay, do not add additional water. Remix till the mortar is workable again. Apply X-Roc Finish Putty to the prepared surface either by conventional hand applied technique, or using spraying machine followed by smoothing to desired surface texture. It is recommended to apply X-Roc Finish Putty at 2 layers minimum. Each layer should be left to dry completely for at least 2 hours prior to application of the following layer, pre-wet the first layer before applying the following layer. X-Roc Finish Putty can be applied at thickness up to 4 mm per layer (max. 2 coats per day).

## Limitations

Do not part mix; use only full bags.  
Do not apply in rain or wet conditions or at temperatures below 5C.  
Do not expose to running water until the product is cured fully.

## Health and Safety

**This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website [www.ncc.com.eg](http://www.ncc.com.eg)**

## Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Specialists (ATSSOs) are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product.

Visit [www.ncc.com.eg](http://www.ncc.com.eg) for a full list of NCC X-Calibur ATSSOs.

## Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on [www.ncc.com.eg](http://www.ncc.com.eg) to ensure you have the latest version.

## Warranties

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price.

NCC X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemistry Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** NCC X-Calibur Construction Chemistry Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.

**NCC**

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### Quality Statement

All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004. ISO 9001:2000.



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