

## COLOUR PUTTY

Colour Putty is a cement-based polymer modified wall putty specially developed as a base coat to cover unevenness and pinholes on plastered, mortar wall and ceiling to make the surface wall ready for primer and paint application. It fills the imperfections, cracks, and faults on the surface.

### PRODUCT DESCRIPTION

**PRODUCT:** Colour Putty forms an excellent bonding to the base concrete, and it is specially developed as a base coat to provide a smooth finish on the plastered surface.

COMPOSITION	White cement, selected fillers, polymers, pigments
COLOUR	Off-White, Pink, Yellow, Green
TESTS	Tested according to IS-4031, EN-1015, & Internal test methods
FEATURES	<ul style="list-style-type: none"> <li>• Aesthetic look for ceiling, Interior &amp; Exterior walls</li> <li>• Protect expensive paint from dampness &amp; peeling</li> <li>• No need to paint application</li> <li>• Avoid frequent repainting</li> <li>• Excellent workability</li> <li>• UV Resistance</li> </ul>
USES	<ul style="list-style-type: none"> <li>• Bonding to the base plaster</li> <li>• Highly water resistant</li> <li>• Long lasting</li> <li>• High Durability</li> <li>• Save Time</li> <li>• Cost-Effective</li> </ul>

### TECHNICAL ANALYSIS (CONFORMS TO IS-4031, EN-1015, & INTERNAL TEST METHOD)

TECHNICAL DATA	
PARAMETERS	SPECIFICATIONS
CONSISTENCY	30 – 45 %
POT LIFE	> 90 minutes
SETTING TIME	30 – 600 minutes
DENSITY	1.3 -1.5 g/ml

## MECHANICAL PROPERTIES

### PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION > 0.80 MPa

### COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH 7 – 12 MPa

FLEXURAL STRENGTH > 1.5 MPa

### WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS) < 0.20 kg/m<sup>2</sup>min<sup>0.5</sup>

WATER RETENTIVITY > 95 %

## GUIDANCE FOR USE

<b>SUBSTRATE</b>	<ul style="list-style-type: none"><li>• Concrete/Mortar walls (internal and external)</li><li>• Ceilings</li><li>• Application before painting</li><li>• It can be used any type of surface like concrete, rendered wall, hollow block</li><li>• Precast walls, concrete ceilings, calcium silicate bricks etc.</li></ul>
<b>SUBSTRATE PREPARATION</b>	<ul style="list-style-type: none"><li>• Clean loose particles, dirt, grease and traces of foreign materials from the surface, if necessary, by using wire brush/sandpaper or by chipping.</li><li>• For loose plaster areas or floors/wall which are not even, then remove the defective material and re-plaster the area with Ready-Mix Plaster to make them even.</li></ul>
<b>MIXING</b>	<ul style="list-style-type: none"><li>• Take approx.300-450 ml of clean water for 1 Kg of Colour Putty in a clean bucket. It is very important that add material into water and not vice versa.</li><li>• Stir continuously for 3-5 minutes by using mechanical stirrer or by hand to obtain a homogeneous lump-free paste.</li><li>• Allow the resultant paste to stand for about 10 minutes for the additives to dissolve.</li><li>• Re-mix again for about 2 Minutes. The mixture is now ready to apply.</li></ul>

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<b>APPLICATION</b>	<ul style="list-style-type: none"><li>• Dampen the surface to be plastered with clean water. Allow excess water to drain off.</li><li>• Clean loose particles, dirt from the surface by using painter patra/blade.</li><li>• Using paint patra/ blade, apply 1<sup>st</sup> coat of Colour putty to a thickness of 1-2mm.</li><li>• Cover all undulations and rough surface in 1<sup>st</sup> coat.</li><li>• Allow the surface to dry for at least 4 to 5 hours.</li><li>• Apply 2<sup>nd</sup> coat of 0.5-1 mm after the 1<sup>st</sup> coat completely dried.</li><li>• Total thickness of Colour putty should not exceed than 2-3 mm.</li><li>• Check finishing of wall after 24 hours.</li></ul>
<b>COVERAGE</b>	<ul style="list-style-type: none"><li>• 10-15 Sq. Ft./ 1 kg bag at 2-3 mm thickness on plain surface (Or depending on substrate conditions)</li></ul>
<b>USAGE</b>	<ul style="list-style-type: none"><li>• Do not add more water than recommended.</li></ul>
<b>PRECAUTIONS</b>	<ul style="list-style-type: none"><li>• Maximum thickness should not more than 2-3 mm.</li><li>• Colour Putty contains non-toxic material but still, it is important to wear a safety kit when mixing and handling.</li></ul>

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## STORAGE INSTRUCTIONS

- Store in cool, dry, and well-ventilated place away from heat source or direct sunlight.
- Keep away from water and damp area.
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth tied tightly with string to prevent lump formation.
- As temperature, humidity, water addition and other parameters vary from site to site; the above information should be treated as general guidelines.

## HEALTH & SAFETY INFORMATION

- It contains only eco-friendly fillers and additives. However, being cement based, it is alkaline and hence it is advisable to avoid direct eye and skin contact with this. In case of eye contact, kindly wash with clean water at least for 15 minutes and seek medical help and keep it out of children reach.

**Disclaimer:** Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.