

INFRATEC WALL CARE PUTTY is White Cement Based Putty which is for cement plastered walls and roofs. **INFRATEC WALL CARE PUTTY** is used to fill cement plastered and concrete walls. With the use of **INFRATEC WALL CARE PUTTY**, the walls become plane and bright and as such any type of color can be applied to them. Being plane, the inside and outside walls look good. **INFRATEC WALL CARE PUTTY** can also be used where water proof qualities are required.

SURFACE INITIAL PREPARATION:

The surface should be cleaned thoroughly so that there should not be any dirt, dust, moisture or remains of old paint/colorings. The dirt/dust should be removed with the help of a wire brush. The wall surface should be moistened with water enough to cover the whole surface.

USE ON NEW SURFACE:

This type of surface needs less preparation like removal of dirt or dust etc. In case of holes or damages, they should be filled in properly with the help of grey/white cement before applying **INFRATEC WALL CARE PUTTY**.

USE ON OLD SURFACE:

All kind of dirt or dust should be removed by using a wire brush or putty blade. The surface should be made rough by using Amry Paper.

PREPARATION OF INF RATEC WALL CARE:

INF RATEC WALL CARE PUTTY comes in form of fine and smooth powder. It should be mixed with approx 40% of water, should be stirred for 5-10 minutes so that it turns into fine putty solution. The product should be prepared in such a manner that should be used within 2-3 hours of preparation.

HOW TO USE:

INF RATEC WALL CARE PUTTY should be applied evenly on completely water moistened wall with the help of a putty blade in downwards to upwards direction. After drying of first coating, second coat should be applied. Both the coating should not be more than 1.5 mm thick. Let it dry completely. Fine quality Amry Paper can be used to remove unwanted markings. Any kind of color can be applied to this surface without even that use of Primer. Water can be used to prevent absorption of color by the surface.

PRECAUTIONS:

Although **INF RATEC WALL CARE PUTTY** does not contain any kind of toxic or poisonous substances, but still, rubber gloves should be used on hands to protect them from exposure to excessive water or cutting due to cement particles. Also be careful not to let dust particles enter the body while breathing.

STORAGE:

INF RATEC WALL CARE should be stored in a dry place and the pack should be opened just before the immediate use, keep out of reach to children.

PACKING: 20 Kg, 10 Kg, 5 Kg.

TEST RESULTS OF INF RATEC WALL CARE PUTTY:

Sl. No. Tests Carried out	Result Obtained
1. Compressive Strength, (kg/cm ² at 28 days)	37.0
2. Transverse Strength	

(28 days, kg/cm ²)	1.7
3. Pot life (IST), Minutes	180
4. Whiteness Index, Percent	93
5. Residue on 90um, percent	0.28
6. Coverage on smooth surface	Exceeding 20Sq.ft/ Kgs. In 2coats

*Results are of specific sample, tested under specific condition.

COMPARISON BETWEEN INFRATEC WALL CARE PUTTY & TRADITIONAL PUTTY

QUALITY	INFRATEC WALL CARE PUTTY	TRADITIONAL PUTTY
1. Bond Formation	INFRATEC WALL CARE PUTTY is White Cement based putty and it has a stronger and bond formation.	Contains only chalk powder, hence it has a weaker bond formation.
2. STABILTY	It blends with the plaster because of being cement based, hence it is more stabile.	Less stable in comparison of INFRATEC WALL CARE PUTTY
3. AREA	It covers more area. More than 20 Sq.ft./kg areas can be covered and that also in two coating on a new plastered wall.	Covers less area.
4. WATER RESISTANCE	INFRATEC WALL CARE PUTTY is water resistant.	It is not water resistant.
5. FORMATION OF CRUST.	Crust doesn't form.	Crust forms when in contact with water.
6. CONSUMPTION of COLOR	Color consumption is reduced as INFRATEC WALL CARE PUTTY absorbs considerably less color.	It absorbs more color.
7. PRIMER	No need of Primer.	Needs Primer.
8. BRIGHTNESS	Because of being white in color, it looks brighter. NCCB has certified 93% whiteness.	Looks yellowish in color.
9. PAINT	Less consumption of paint and more brightness.	More consumption of paint and less brightness.
10. SIMILARITY	Manufacture under strict supervision with certified ingredients that causes similarity in product quality.	Difference in product quality because of differences in quality of ingredients.
11. COATING	Stays longer. No Primer Cost and absorbs less color, hence costing is reduced.	Coating is much more in comparison of INFRATEC WALL CARE PUTTY.

Advantages in comparison of Plaster of Paris POP

1. INFRATEC WALL CARE PUTTY is based on white cement. That's why it is much stronger than Gypsum Based POP.
2. POP cannot be applied to outer walls but INFRATEC WALL CARE PUTTY can be applied to outside walls.
3. INFRATEC WALL CARE PUTTY is whiter while POP is yellowish.
4. While using INFRATEC WALL CARE PUTTY, Primer is not required but Primer is required while using POP.
5. Being a water resistant product, INFRATEC WALL CARE PUTTY prevents moistening whereas POP does not.



ADVANTAGES OF INFRATEC WALL CARE PUTTY

1. INFRATEC WALL CARE PUTTY is Based on White Cement. That's why it is much stronger than Gypsum based POP.
2. INFRATEC WALL CARE PUTTY is better than the following two processes using presently:
 - Use of cement primer after and before the use of chalk powder.
 - Usage of POP to make the surface smooth.
3. Primer is not required, Color can directly be applied over INFRATEC WALL CARE PUTTY.
4. It is more water resistant because it is made of white cement instead of chalk powder/POP/traditional putty.
5. A large area can be covered with less color because of low absorption quality of INFRATEC WALL CARE PUTTY.
6. Absolutely white and smooth surface that can be left un-colored.
7. Company manufactured high quality product without any type of adulteration.
8. It is to be mixed with 40% of water to form quality white solution.
9. INFRATEC WALL CARE PUTTY gives strength to walls whereas POP doesn't.
10. INFRATEC WALL CARE PUTTY stays as long as the grey plaster beneath it.

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