

Super Titanium[®]

Complete process and instructions for using Super Titanium.

Special facts

1. Super Titanium mixture can dry out quickly when used on heated walls or floors due to high temperatures. Then more titanium polymer has to be used. If so, the titanium polymer will have to be repurchased. When you make titanium mixture, do not mix more than 5kg. Use the mixture within 10 minutes.
2. If the second mixture is mixed in the same container, used before, clean it thoroughly and mix the mixture.
3. If caught in a flood or some waterlogged on the surface before or after the cutting of final titanium coating or even after removing the cut powder. Wash it off immediately. Dry the area well before 20 minutes have elapsed. If white stains and discoloration still occur after drying, you should reapply SuperTitanium and follow the normal procedure of Super Titanium application.
4. Use a clean bucket when making Super Titanium mixture
5. Once the Super Titanium is finished on the ground, if there is frequent water or moisture beneath the floor, within the soil it may discolorate and even crack.
6. Any type of titanium that used on walls or floors is subject to normal scratching, but the use of SuperTitanium products can largely prevent scratches. Also, once the surface is made of titanium, it should be kept clean during normal use, and frequent exposure to sand and dust can damage the surface. Even the dragging of furniture or other equipment over the surface, can cause titanium floor to be scratched off.
7. Super Titanium products are made of a special type of cement and polymer that have a long shelf life. Any type of titanium is subject to normal abrasion. However, due to intense sunlight and rain, the finished areas may change color gradually over a long period of time, and natural weather conditions can also cause the color to change. Therefore, it is usually best to wear an exterior top coat or floor coat after a year or more. Otherwise it may even crack over time.
8. For exterior walls and bathroom walls, it is advisable to use exterior top coat.
9. After finishing the titanium on the exterior walls, water leakages, from the opposite side of the titanium wall, can discolor the titanium finished area. Therefore it is best to apply waterproofing paint on the opposite side of the wall with titanium. Otherwise it may even crack over time.
10. The color matching of the SuperTitanium printed color card may vary with the actual colors, so be careful when color matching.
11. If the Super Titanium Floor Coat, Exterior Top Coat and Interior Top Coat get caught in a flood or water leak before drying after use, Super Titanium coating should be applied again as white spots and discoloration may occur. If so follow the normal procedure of SuperTitanium coating.
12. Of particular note is the fact that the exposing of exterior walls (outer walls) of those walls to rain or water leakage, it may cause interior wall colors to change their true colors. If this happens, paint the exterior walls with **Crystolac Difex Waterproofing paint** and stop the water from leaking.
13. When you take half of a super titanium from bucket at a one time and re-applying the rest after 2 days or more may cause a slight change in color. The main reason for this is the drying time between the titanium coatings. This can also be due to the fact that the quantity of polymer liquid used in 1st time mixture of titanium is not equal to the second time mixture. However, it is better to use the final coating from the same batch numbers at the same time.
14. SuperTitanium products should not be exposed to the sun, rain or air after opening the lids. Fit & seal the lids thoroughly after using the product.
15. If liquid such as sanitizers, citrus (Acid) fruits, or alcohol spilled on the surface, rinse immediately with water. otherwise, there will be dirt stains on it. The alcohol has the ability to dissolve the top coat layer and therefore stains can remain if the alcohol stays on for too long.
16. After coating Super Titanium products, if there are any short-term or prolonged scratches or dirt, apply Super Titanium cleaner and rinse with water. Then cut with a sandpaper of 320 thickness, remove the grooves and re-apply the floor coat. No re-waxing or polishing is required.
17. Usually after about a year, it is best to re-apply the exterior top coat with a paste that matches the color of the titanium coating if it is exposed to the outside.
18. If you do any work after finishing Super Titanium, must cover the floor. After finishing the work covered materials must remove soon. If you keep it, because of the moisture Super Titanium floor can be discoloured. The same can happen because of wet carpets, flower pots etc.,

01. Introduction

Super Titanium is a revolutionary product currently in the market. It comes as super titanium polymer and powder. Also known as Super Titanium Polymer Thickener, Super Titanium Powder. Also available as a powder containing specialized cement. It should be coated with a putty handle. This product is made of a special type of cement that the surface does not get scratched. This unique product can be painted on walls or floors, giving you a long lasting and unique gloss finish. This is a very easy product to use and apply.

How to mix and all the instructions are given below. Available in 19 main colors and 36 shaded colors. The ratios for making 36 shaded colors are given on the color card.

Places that can be used

New plaster walls and floor, The plastered walls on the outside and inside have no resemblance to plastered floor or Rough walls (base coat should be used for plaster floor). Can be applied to all cement plasters and bathroom walls. Can also be applied to gypsum ceilings and gypsum boards.

In gypsum boards, woods, It is advisable to use Crystolac Bonding Agent if applying on smooth surface.

Coatable Area

Applying 30 kg of Super Titanium mixture three times can cover 90-100 square feet. The area to be coated may vary depending on the surface to be coated. If you apply a base coat prior to titanium coating, you will be able to apply three coats of 160-190 square feet of Super Titanium 30 kg alloy, and the titanium base's method of applying the titanium also differs from one another, so the amount of square footage that can be applied can vary.

Special points when preparing the surface

Super Titanium should be applied 6 or 7 days after finishing a floor or wall plaster and the number of days may vary depending on the ambient temperature.

If you are going to make titanium on concrete floors, you have to put a floor plaster. Add the required raw material and water and mix well. If the mixture is mixed with less water, the strength of the floor may be lost. If titanium needs to be applied to such a weak ground surface, it can be strengthened to a normal level by applying the **Crystolac CW40 bonding agent**.

When applying Super Titanium to exterior walls, the walls exposed to the sun should be thoroughly moisturized. It is best to coat after about 75% drying. Cut thickly with 100 gauge sand paper, remove the dust and reapply with Super Titanium and follow the normal procedure.

Before applying the super Titanium coating to a plastered floor, it is best to wash well and apply a Super Titanium base coat. It should also be applied to potholes, uneven walls and floors. The number of times of the coating is depending on the unevenness of the coating surface. After cutting, remove the powder and clean well. Then the usual procedure of coating should be followed.

Making Super Titanium mixture

It consists of 2 main parts.

1. Super Titanium Powder
2. Super titanium polymer

◆ Normal ratio powder 2 : polymer 1

2.5 liters of SuperTitanium Polymer is sufficient for 5 kg of SuperTitanium Powder. First put 2.5 liters of Super Titanium Polymer in a clean and slightly larger container. Always use a clean bucket when making super titanium mixtures. Then add 5 kg of Super Titanium Powder and mix well. Mixing requires a mechanical drill, using a speed of about 400 revolutions per minute. Use a titanium handle to coat and apply the mixture within 30 minutes. This period may vary depending on the temperature.

02. If applied to a smooth surface or to areas where cementitious and old titanium have been applied.

The entire surface should be scraped off first with the help of a grinder machine and a diamond cup wheel (the surface should not be smooth anywhere) and then the cut powder should be removed and washed. Bonding Agent must apply before applying Super Titanium. Super Titanium must apply after 5 minutes from applying CW40 Bonding Agent and follow the normal procedure for applying Super Titanium.

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3. Typical action order for supertitanium coating

Apply Super Titanium first coat. Once it dries, cut off the uneven areas with a 120-gauge sandpaper, remove the powder and apply a second coat. When second coat dried, cut and level the surface with a 120 - gauge sand paper. Then remove the cut powder and clean thoroughly. When applying the third coating, the polymer liquid should be added more. Also, it is more helpful to memorize or record the amounts of mixing and it will be easier for you to mix again. Otherwise the color may change. When applying the third coating, Take a small amount of mixed titanium on the titanium handle and apply in a similar pattern to obtain a fine finish. After the third coating has dried, finely chop with a 320-thick sandpaper. Excessive cutting will cause patches on titanium. Therefore, when cutting the third coating, only smooth it with a sandpaper more than 320. Then remove the powder dust and wipe it with a wet cloth or wet sponge, then you can easily see the defects when the moisture is on the surface. If there are any stains or large imperfections you will have to apply a fourth coat. If you want to apply a fourth coat, apply it and after it dries, gently cut it with a 320 gauge sand paper. Then remove the powder dust and wipe it with a wet cloth or wet sponge, When using Super Titanium for final coating, be sure to use SuperTitanium products with the same batch. Always use the same batch number for the final coating. Only care about the color of the final coat rather than the first coat of paint.

Also, the final coat must be made to the required size or more, otherwise the color may change.

04. Method of Using Floor Coat and Top Coat

Then use a super titanium floor coat (if the floor), a super titanium interior top coat on the inside wall, a super titanium exterior top coat on the outer wall, if you can not get an exterior top coat, Use Super Titanium Floor Coat as a Substitute.) Mix 20% water with it and apply the first coat with a damp sponge. It takes about two hours for a top coat to dry, (but the drying time may vary depending on the temperature). Apply 2nd and 3rd coating without water. A good finish, good protection can be obtained by applying without water.

when applying a floor coat to a floor, four times or more, you can get a noticeable finish and protection. When applied to an outdoor location, applying up to 5 coats of Exterior Top Coat can provide a premium finish and protection.

After 5 hours, wax and polish it with the help of a polishing machine and you can get a valuable finish. When using wax, it is best to use a small amount of wax. Adding too much wax can cause dirt stains to form after polishing.

When using Super Titanium Floor Coat, Interior (Top) Coat, Exterior (Top) Coat, it is especially important that the coating can be whitened by applying it again and again in the same place and therefore apply normally.

05. How to use super titanium as a paint

Here's how to make Super Titanium Paint. For this, only 2 parts of Super Titanium Polymer per 1 part of Super Titanium Powder is sufficient. First put 2 parts of Super Titanium Polymer in a clean and fairly large bowl. Then add 1 kg of Super Titanium powder and mix well. Mixing requires a mechanical drill, using a speed of about 400 revolutions per minute. The coating can be applied with a roller or a brush. When using Super Titanium mixture as a paint, the cement color can be obtained, But do not expect the finish with a 3 top coat & 3 Super Titanium coats.

06. Instructions for using super titanium stain

5 hours after finishing the final titanium coating, sand the Super Titanium coated surface thoroughly using 320-800 sand paper. Then remove the dust and apply Super Titanium Color Stain. When it dried apply Super Titanium Top Coat or Floor Coat and then, follow the normal procedure of applying top coat & floor coat

Security instructions

It is compulsory to wear a goggle and a pair of gloves. It is important to wear a mask when cutting the titanium surface. If it gets on the skin, wash it well. If it gets on the eyes, see a doctor immediately. Store it out of the reach of small children.

- Super Titanium Polymer do not contain any harmful heavy metals and Super Titanium products have special health care recommendations for the raw materials.

- Prior to super titanium coating, it is stated that the first and second coatings should be applied using inferior titanium. It is very dangerous and can cause coating to separate or escape to the surface coating.

Please kindly note that in order to ensure quality standard of our products the products purchased by you cannot be returned to us again or not exchangeable and the payment you made is non-refundable.

