

PLANET SUPRA NRVC

What Type of Paint is PLANET SUPRA NRVC?

Q How much of the sound of rain diminish with this paint?

A Our in-house test results showed that the steel roof which had 93.2dB (unit for sound) during rain was diminished to 85.7dB (7.5dB difference) by applying 150µm of PLANET SUPRA NRVC.

While these specific numbers do not necessarily show the effectiveness because the loudness (or noisiness) that one feels varies depending on persons, it is said that decrease of just 3dB would feel like the loudness has diminished significantly.

Therefore, 7.5dB of decrease obtained in the test would mean a big difference.

Q What is the average application area?

A If countering noise of rain: 48m² on average.

If countering vibration: 5m² on average (no need to apply on all surfaces of the object)

Q What is the durability?

A PLANET SUPRA NRVC is developed as intermediate coating for roofs.

It is expected that it will last for 10 years, the same as PLANET SUPRA, PLANET SUPRA NEO.

Q Since PLANET SUPRA NRVC is intermediate coating, should anything (such as thermal barrier paint) be applied on the top?

A Yes, please apply top coat every time.

If you wish for thermal barrier effect, use PLANET SUPRA or PLANET SUPRA NEO as top coat.

If you wish to use PLANET SUPRA NRVC to control vibration, avoid painting on outdoor materials and use for indoors or inside of buildings.

On What Type of Material is PLANET SUPRA NRVC Applicable?

Q I want to apply PLANET SUPRA NRVC on steel roof. Do I need a base coat?

A Rust generated on steel material may cause PLANET SUPRA NRVC to peel off.

Thoroughly prepare the surface and apply primer before applying PLANET SUPRA NRVC.

Q Can PLANET SUPRA NRVC be applied on any kind of roof?

A PLANET SUPRA NRVC can be applied on roofs of ordinary homes, factories or warehouses of those that can be applied with primer or sealer.

However, PLANET SUPRA NRVC may not be applicable depending on paint that is already applied on the surface. Please contact us for details.

On Application

Q How many coats of paint is necessary?

A It may vary depending on situation.

If the application is to diminish the noise of rain or for soundproof, the application would require 1 coat (150~200 μ m/dry coat thickness).

And specified amount of top coat (PLANET SUPRA or PLANET SUPRA NEO) will be required.

If the application is to control the vibration of machines, etc., the application would require 5 thick coats (308 μ m or more/dry coat thickness/1coat) with total dry coat thickness to be 1500 μ m or more.

Q We cannot wash the surface with high pressure washer on this site.

How can we wash the surface?

A Steel material: Remove extraneous matters, scrape off rust, roughen the surface, wipe and clean the surface, and remove oil using thinner.

Concrete: Remove extraneous matters, wash with nylon brush, wash thoroughly with water if using detergent. Dry the surface thoroughly after washing.

※Drying Time (approximate)

Steel: 2 hours under 30C temperature

Concrete: half a day, because water is absorbed to the material.

Q We had rain just after applying PLANET SUPRA NRVC. Do I need a repaint?

A If PLANET SUPRA NRVC was dry when it rained, there is no problem with the surface getting wet. If applying another layer of paint on top after the rain, dry the applying area thoroughly before application.

If it rained before PLANET SUPRA NRVC was dry, and if the paint ran off, there is no need to peel off the remaining paint, but after the wet surface dried, you need to paint over it.

Q We cannot apply the next coat of PLANET SUPRA NRVC on the same day.

Is it ok if there's a long interval?

A Please apply the next coat within 7 days from the last application of PLANET SUPRA NRVC.

PLANET SUPRA NRVC Plus

Q Would there be problem applying under high temperature/humidity?

A For any paint, it cannot be applied under conditions of temperature below 5C or above 40C, humidity 85% or more.

If paint was applied with humidity 85% or more, it will be difficult for water in the paint to evaporate, and even after the paint hardened, the film coat may not be normal.

Q I heard that PLANET SUPRA NRVC Plus does not have to be painted on the entire surface, but can be painted in any way. Are there any recommended painting methods?

A As long as there is 1,400~2,000 μ m of coat thickness, it is applicable in any way you please.

To obtain uniform coat thickness, applying in a criss-cross may prevent leaving unpainted areas.

Applying in criss-cross using aggregated roller would be efficient with no unnecessary movement.

Please see the example below.

Q Can I apply so that I can get 1,400~2,000 μ m coat thickness in just one coat?

A It is not recommended.

If you apply a thick single coat, the paint will spread out due to gravity, and if there is slope, coat thickness may not be uniform.

Also, it will take longer to dry, so there would be difference in the drying process of surface and inside of paint. Based on the above, it is possible that the surface will crack and the finished would likely be not beautiful.

 NRVC Plus (Example)

