



Decorative Paints and Coatings

Metalium Effect

DESCRIPTION

Water based, special binder modied, contains micronised pure metal powders, decorative metal coating.

APPLICATION AREA

Metalium Effect is used for decorative purposes on interiors walls of buildings.

FEATURES

- Different shades of colors may occur depends on the feature of metal powder in it,
- Prevents forming of bacteria and fungus with it's special resin structure,
- It is applied and given effect with steel trowel.
- Product can be sanded perfectly,
- It gives high brightness and mirror effect due to its metallic feature,
- Metalium Effect product has a A and B component and different metal powders,
- As it is water-based, it is harmless to human health and environment.

SURFACE PREPARATION

- Remove all kinds of dirt, oil, blistered paints and dust from the application surfaces, correct the surface defects using SAN DECO Acylic Putty Interior.
- Surfaces with old paint or surfaces to be painted must be undercoated with SAN DECO Uniprimer.

APPLICATION INSTRUCTIONS

- Before application, A and B components transferred to an empty container, should be stirred for 3 minutes and the metal dust slowly should be added while stirring.
- Stirring must be done with hand mixer and continued until it's homogeneous form.
- After stirring operation completed, appllication of product must be done within 30 – 60 min
- Product should be applied with steel trowel to give desired effect. After hardening dry related to room temperature (around 24-48 hours) sanding will start.
- Sanding operation consist total of 8 different sizes of sanpaper, from thick to thin it goes and has a 3 different stage. First 2 stage (after 1500 sandpaper) are operated with minimum speed (1000 rev) and from the third stage sanding speed can be shifted to 2000 rev or more.
 - 1- Sandpaper sizes using at stage 1: 220, 320 and 400
 - 2- Sandpaper sizes using at stage 2: 500 and 800
 - 3- Sandpaper sizes using at last (polishing) stage: 1500, 3000 and 6000.

The dust remaining on the surface between each sandpaper is removed with a dry cloth and the surface is cleaned with a dry cloth after the desired polishing is achieved.

- Metallium Effect Wax can be used for more effective brightness and reflection on surface if desired and surface polishing process is completed afterwards.
- Since metal powders are natural metal powders, even if there is a partial color difference in powders, no noticeable tone difference is observed in the final product.
- The environment of application must be kept between +5°C to +35°C within 24 hours during and after the application.

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DRYING TIME

Allow 24 hours for touch dry, 48 hours for complete dry at 20°C - 25°C environment conditions.

THEORETICAL CONSUMPTION

Depending on surface smoothness, porosity and application methods; coating consumption (including A and B components and metal powder) with 1 kg of product;

- Covers 0,500 – 0,670 m²
- The paint consumption for 1 m² area is 1500 – 2000 gr.
- Metallic effect wax consumption is (50-60) gr / m².

STORAGE

The product should be stored in a sealed package, in a cool and dry place and protected from direct sunlight at temperature between +5°C and +35°C.

Hazard Statement and Description for Component A

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 Causes allergic skin reactions.

H319 Causes serious eye irritation.

H411 Long lasting, toxic effect in the aquatic environment.

Precautionary Statements and Description for Component A

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash with plenty of soap and water after handling.

P272 Do not take contaminated clothing out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

IF P302 + P352 ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.

Hazard Statement and Description for Component B

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements and Description B Component

P264 Wash thoroughly with soap and water after handling.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P332 + P313 If skin irritation occurs: Get medical attention / attention.

P337 + P313 If eye irritation persists: Get medical attention / attention.

EUH205 Contains epoxy components. May cause allergic reactions.

Hazard Statement and Description for C Component

H400 is very toxic in the aquatic environment.

H410 Long lasting, very toxic effect in the aquatic environment.

H412 Long lasting, harmful effect in aquatic environment.

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Precautionary Statements and Description for C Component

P273 Avoid release to the environment.

P391 Collect spillages.

P501 Dispose of contents / container to local / regional / national / international regulations.

Note: For more information, please review the product's Safety Data Sheet (SDS).

Product Technical Data Sheet No. DP.024.ENG - Rev00 March 2020

Since this technical sheet is prepared on the basis of laboratory data under normal conditions, consult the technical staff for details that are not sufficient above. Otherwise, errors that will occur as a result of insufficient information do not impose responsibility on the manufacturer. Deka Boya San. ve Tic. A.S. reserves the right to change this information. If necessary, you can find detailed information about the health-safety-transportation risks and precautions of the products from the Material Safety Data Sheet.

This product is produced by Deka Boya Sanayi ve Tic. A.S. who is also certified by the standarts of ISO 9001, ISO 14001, ISO 45001.

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