Matting Agent

Surface micro-roughness, matte effect

Description

The Micronised Matting Agent is a micronised white powder that creates a matte effect in the film when mixed with various varnishes. Additionally, it improves surface protection.

Introducing this additive into the varnish creates surface micro-roughness, which diffuses and reflects light, thereby reducing gloss. However, the result also depends on the light absorption properties of the previously applied layers, so that the optical effect can vary in different systems.

The **Matting Agent** should be added to the final layer of varnish (or, at most, in the last two layers).

Composition

Modified wax
Supplied as: Micro powder
Particle size: 8 µm to 15 µm
Colour: White

Properties

The Matting Agent increases surface protection and has a matting effect.

Application

Incorporate the **Matting Agent** into the liquid varnish with gentle stirring until a homogeneous, lump-free mixture is obtained. A small amount of solvent, such as OW Thinner, will need to be added to maintain proper viscosity in the varnish.

The dosage should be determined experimentally based on the varnish's initial gloss and the desired matte effect.

As a guideline, a dosage between 0.5% and 6% of the varnish weight can be used, corresponding to the tip of a spatula per milliliter of varnish.

Depending on the application method, 5% and 10% of solvent (OW Thinner in oil-based varnishes) should be added to the varnish to enhance its application properties and film formation. If the varnish is significantly diluted, this may not be necessary.

It is recommended that preliminary tests be conducted for dosage and application, especially when working with the product for the first time, to familiarise yourself with its use. Avoid inhaling the dust.

OldWood Colours & Varnishes
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Storage

Store it in its original container, tightly closed and cool, and keep it away from direct light and outdoor

elements. Avoid heat, radiation, and static electricity.

Under standard conditions, the **Matting Agent** is stable for over two years.

Security

According to Regulation No. 1272/2008 (CLP), this product is not classified as a hazardous substance or mixture for health or environmental reasons.

Protective gloves are recommended against minor hazards, and panoramic goggles are recommended against splashes and/or projections to prevent eye or skin contact.

Packaging

PET bottles 16 gr

All information related herein is provided to the best of our knowledge and understanding and should not be considered a guarantee. The recipient must conduct tests to determine the suitability of the information provided.

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