Technical Data Sheet

DUBRON Natural Dispersion Paint No. 412

Valid from batch #66476

Application range	For interior surfaces such as plaster, masonry, woodchip wallpaper, gypsum plasterboards, clay plaster as well as absorbent, sound surfaces treated with dispersion paint. Not suitable for textile or vinyl wall coverings and for existing vinyl coatings.
Technical qualities	Very high-yield, low tendency to drip, wipe-resistant surface. Can be tinted at any ratio with URA Coloring Paste No. 424, this possibly results in a lower wipe-resistance. Permeable to water vapor when completely dried. Can be painted over with DUBRON Natural White Plaster No. 465. Covering power class 2. 1l/8m^2. Wet abrasion resistance class 3.
Full declaration	Water, chalk, titan dioxide, talcum, beeswax soap, soya oil - natural resin ester, methyl cellulose, Borax, boric acid, citron oil and citric acid.
Color	White.
Dilution	Ready to use for painting**.** For spray application dilute the product with 10 % of water.
Application method	Apply with a long-pile roller, a brush, or an airless spraying device at room temperatures above 12°C (50 °F). Stir thoroughly before use and do not dilute. (see reverse for further information).
Coverage	1 liter (1.06 quart) undiluted is sufficient for approximately 8 m^2 (86 ft^2) per coat, i.e. 125 ml/m^2. Could be considerably less, or more, depending on the condition and absorbency of the surface. Determine with a test application!
Drying time	At 23°C and 50% relative humidity, subsequent coats can be applied after 12 hours. At low temperatures, high relative humidity or reduced absorbency of the surface, drying time can be significantly longer.
Cleaning	Clean equipment immediately after use with warm, soapy water using LATIS Natural Tool Cleaner No. 558.
Specific gravity	Approximately 1.45 g/ml.
Diffusion	Approximately 95 % (for steam according to the Park Cup method).
Safety advice	P102 Keep out of reach of children. EU limit value for the product (Cat. A/a): 30 g/l (2010). This product contains maximum 14,1 g/l VOC.
Disposal	According to locally regulated laws.
Container sizes	1 l; 5 l; 10 l; 30 l.
Storage	Cool but frost-free and dry. Shelf life: unopened at least 1 year. Once opened, use the product up within 2 to 3 days.
Packaging	Made of polyethylene (PE). This material is ground water neutral and recyclable.

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How to use

DUBRON Natural Dispersion Paint No. 412

General surface requirements

The surface should be dry, able to bear load, absorbent, neutral, clean, and free of separating agents, cracks, salt deposits, mold and fungi.

Preparation

Close holes and cracks with wall filler. Structural cracks must be repaired with a crack-bridging repair system.
The following overview explains how to prepare the different surfaces and specifies where to apply GRAVA Wall Primer Sealer No. 408. GRAVA must be diluted until there is no visible film formation. Please do a test application on the surface to be treated.

Surface	Preparation	Primer
Cement-, gypsum- and lime plaster	Remove dust and dirt. Possible sinter layers must be removed by sanding.	GRAVA No. 408
Concrete	Remove oil residue, dust and dirt.	GRAVA No. 408
Breeze block	Remove dust and dirt. Use filler if necessary.	GRAVA No. 408
Clay- and face masonry LIVOS Clay Paint or Clay Plaster	Remove dust and dirt.	GRAVA No. 408
Old chalky paint	Brush with a wire brush and remove dust.	GRAVA No. 408
Distemper or not sustainable coat	Remove completely, wash and dry.	GRAVA No. 408
Gypsum and fiber boards	Check joints for tightness.	GRAVA No. 408
Oatmeal wallpaper	Check wallpaper adhesion, re-glue if necessary.	-

Important tips

Adhesion and smell tests have to be performed on existing surfaces. The results shall be assessed only after at least three days. No liability can be accepted for any incompatibilities with existing coatings.
Stir thoroughly before use. Do not mix with products of other manufacturers for mixing, varnishing, or spackling, if optimal results should be reached. High-contrast or smooth surfaces, as well as surfaces with high or varying absorbency may require several coats; in these cases, only the first coat may be diluted with max. 5 - 10 % of water. Application with an airless spraying device (nozzle: 0,009 – 0,011 inch, spraying pressure: 150 bar, air pressure: 2 – 3 bar) is particularly advantageous on very smooth or high-contrast surfaces.

Remove new splashes of paint immediately with SVALOS Thinner No. 292.
For coloring, mix URA Coloring Paste No. 424 with the double amount of DUBRON Natural Dispersion Paint No. 412, and stir thoroughly. Then stir the mixture in the entire amount of paint with a stirring device. The mixture must be stirred continuously, and then applied sparingly with a brush or roller.
Assess the color with the help of a test coat, which is completely dried. An increasing concentration of URA Coloring Paste No. 424 can reduce the wipe resistance.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the retailer, wholesaler, or manufacturer.

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