

AURO

Technical Information Leaflet

AURO Natural Fibre Rendering (interior) No. 311

Nature of the Material

Ready-to-use, interior rendering made from vegetable fibres and binders.

Use

Decorative rendering for covering all types of smooth, firm, but also absorbent surfaces on walls and ceilings. Not suitable for rendering bare masonry or for levelling off uneven surfaces.

Technical Properties

Highly thixotropic, putty-like, water-thinnable fibre rendering with slight filling properties. Good working properties, very supple. Dries slowly, but remains elastic with low internal tension. Matt silk finish, can be structured if required. Very good diffusion and absorption properties.

Biological and Ecological Properties

Does not emit toxic vapours; free from chlorinated hydrocarbons and other persisting (non-decomposing) environmental poisons. No degassing from already dried coating, which is therefore safe even in direct contact with organisms. Does not cause any significant build-up of static electricity. Positive effect on the room climate. All constituents have been known to the human organism since evolutionary times, which equates to genuine long-term experience. Pure vegetable binding agents. Pleasant, unobtrusive odour. Enlivens the colour shade and structure of the wood. Raw materials obtained from a consistent ecological cultivation cycle. Binding agents produced by the plant biochemistry using only natural sun energy (photosynthesis). Manufactured using gentle methods within the context of mild chemical processes and technologies which present no burden to the environment. Can be fully re-integrated into the established ecosystems. Presents no recognisable long-term risks to the environment.

Composition

Binder: dammar, pine resin, beeswax, cellulose and linseed oil
Pigment base, fibres and fillers: titanium dioxide produced by methods involving recycling of waste sulphuric acid, talcum (asbestos-free), chalk.

Other constituents: water, borax, boric acid, balsam turpentine oil, ethanol, rectified citrus peel oil, ammonia solution.

Our specialist dealers will be pleased to provide further information.

Colour Shade(s)

White. Can be tinted with pastel colours using a maximum of 10% AURO Tinting Colour for Wall Paints No. 330.

Density

Approx. 1.1 g/ml.

Viscosity

Highly thixotropic, not free-flowing (putty-like).

Hazard Class

Not applicable.

Application Methods

Apply with float or trowel or with a ceiling brush. Can be sprayed using a special spray gun. Can be structured after application.

Thinners

Ready for use. Can be thinned if necessary with water.

Coverage

Approx. 1 - 2 l/m², depending on layer thickness and surface roughness. Several layers can be applied. Determine by preliminary trials.

Drying Time in Normal Climates

Touch dry after approx. 24 hours, completely dry after approx. 2-4 days.

In cases of high humidity, low temperatures and application of larger quantities, the drying time may be considerably prolonged.

Cleaning of Utensils

Utensils should be cleaned with water immediately after use.

Storage

Store in a cool place protected from frost. Stored in the unopened container, the product is stable for approx. 1 year.

Information for Use and Safety Advice

Stir thoroughly before use. Minimum working temperature 12°C. Make provisions for adequate ventilation without draughts during use. Remove spots and splashes immediately using water or soap solution before drying.

Even natural decoration materials must be kept out of the reach of children. In spite of its biological degradability, do not dispose of paint residues into waste water.

Recommendations for Application

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1. SURFACE

1.1 Suitable surfaces

Plastered surfaces, plasterboard, wooden materials and fibre board.

1.2 General requirement for the surface

The surface must be dry, firm, chemically inert, absorbent, level, clean, grease-free and must not contain substances which can bleed out.

2. COATING SEQUENCE FOR UNTREATED SURFACES (INITIAL APPLICATION)

2.1 Type of surface: plaster

2.1.1 Preparation of the surface

Brush off any loose material, check that the surface alkali-free, neutralise if necessary with alum solution (5 %).

2.1.2 Primary treatment

If necessary, first treat the surface with AURO Natural Resin Oil Impregnation No. 121 (see Technical Information Leaflet No. 121) to provide a key for the rendering. No glazed areas must remain on the plastered surface. Alternatively, the surface can be treated with AURO Natural Resin Wall Paint No. 321, which must be diluted with 20 % water. On surfaces with poor absorbency, 50 % AURO Natural Resin Wall Paint No. 321 should be added to the AURO Natural Fibre Rendering (interior) No. 311.

2.1.3 Final treatment

Apply AURO Natural Fibre Rendering (interior) No. 311 using a float or trowel, a ceiling brush or suitable spraying equipment to achieve the required layer thickness. The rendering may be structured or smoothed within 30 minutes of application.

2.2 Type of surface: plasterboard, wooden materials and fibreboard

2.2.1 Preparation of the surface

Plasterboard, wooden materials and fibreboard should first be cleaned and sanded, as necessary, and the dust removed. Wooden materials and fibreboard are able to absorb water and can therefore swell. Suitable constructional measures must be taken to prevent warping due to moisture from the natural fibre rendering.

2.2.2 Primary treatment

The manufacturers stipulate that plasterboard must first be sized. Particularly suitable for this treatment is AURO Natural Resin Wall Paint No. 321 diluted with approx. 20 % water (see relevant Technical Information Leaflet).

Perform a trial application to test the surface of wooden materials and fibreboard for the presence of surface pre-treatments (e.g. paraffin, etc.), moisture and substances which can bleed out. If necessary, sand down and apply AURO Shellac Clear Varnish No. 211 as a blocking agent. Apply a slurry of equal amounts of AURO Natural Resin Wall Paint No. 321 and AURO Natural Fibre Rendering (interior) No. 311 to smooth surfaces.

2.2.3 Final treatment

As described under 2.1.3.

3. COATING SEQUENCE FOR RENOVATION OF THE COATING

3.1 Type of surface: sound coatings of old paint (not on wood-chip paper)

3.1.1 Preparation of the surface

Brush down or vacuum clean the wall surfaces. In the case of heavy soiling, wash the walls. On smooth, non-absorbent surfaces (e.g. painted surfaces), sanding is recommended. Check for suitability of the sub-construction in the case of wooden materials and fibre board (see information under 2.2.1).

3.1.2 Primary treatment

Apply a slurry of equal amounts of AURO Natural Resin Wall Paint No. 321 and AURO Natural Fibre Rendering (interior) No. 311 to smooth, non-absorbent surfaces. No primary treatment is required in the case of intact surfaces previously painted with emulsion paint.

3.1.3 Final treatment

As described under 2.1.3.

3.2 Type of surface: non-washable distemper and lime paints or poorly adhering, flaking old paint

3.2.1 Preparation of the surface

Distempers must be removed completely and thoroughly. Other poorly adhering or flaking old paint should be completely removed (e.g. using AURO Alkali Stripping Paste No. 461 - see relevant Technical Information Leaflet). Fill any holes and cracks (e.g., using AURO Natural Wall and Joint Filler No. 329). Check for suitability of the sub-construction in the case of wooden materials and fibre board (see information under 2.2.1).

3.2.2 Primary treatment

If it is expected that water or other marks could show through, apply AURO Shellac Clear Varnish No. 211 in accordance with instructions as a blocking agent - however, because of the associated reduction in vapour diffusion characteristics, only in areas where this is absolutely necessary. Apply a slurry of equal amounts of AURO Natural Resin Wall Paint No. 321 and AURO Natural Fibre Rendering (interior) No. 311. Highly absorbent or sanding areas which have not been treated with AURO Shellac Clear Varnish No. 211 should be firmed up using AURO Natural Resin Oil Impregnation No. 121.

3.2.3 Final treatment

As described under 2.1.3.

4. SUBSEQUENT PAINTING

After drying completely, AURO Natural Fibre Rendering (interior) No. 311 can be painted with AURO Natural Wall Paint No. 321 - white or colour tinted with AURO Tinting Colour for Wall Paints No. 330. It can also be painted with AURO Natural Casein White Wall Paint No. 351 followed by Vegetable Colour Wall Paint No. 360 (see relevant Technical Information Leaflets).

Owing to the high degree of absorption of the rendered surface, the first coat should be diluted with about 10 - 15 % water.

5. DISPOSAL OF PRODUCT RESIDUES

Any residual amounts of AURO Natural Fibre Rendering (interior) No. 311 should not be discarded, but kept in a tightly closed container for later repairs, etc. As the product contains no chemical preservatives, opened containers should be used up as quickly as possible. Otherwise, after drying, dispose of any residues with the household waste (observe safety advice).

This Technical Information Leaflet has been compiled based on the recommendations of the General Association of German Painting and Decorating Trades. All of the information provided is the result of many years of research and practical trials. Its purpose is to inform and advise, but does not absolve the purchaser and user from the duty of performing their own tests to determine the suitability of the product for the intended application. For this reason, no liability may be inferred from this information. This Information Leaflet is valid until replaced by a new issue. Issue date 01.02.1989.

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