

AURO

Technical Information Leaflet

AURO Natural Latex Adhesive No. 388

Nature of the Material

Natural latex milk adhesive for interior floor coverings.

Use

For bonding all types of textile floor covering (tiles and roll bulk) as well as natural fibre carpets onto surfaces which have been prepared to accept floor coverings as well as other flat, inert surfaces in living areas.

Technical Properties

Homogenous natural latex emulsion with good working properties and high yield. Very good adhesion properties, provides good wetting of the underside of the covering and reliable fixing. Also suitable for under-floor central heating. Resistant to chair rollers and shampooing machines.

Because of the wide variety of possible surfaces, interaction (damage or discolouration) with the surface cannot be ruled out (e.g. in the case of light-coloured linoleum and synthetic coverings or existing paint). It may be necessary to use generally available mechanical equipment for removing or cleaning the floor covering. Natural products produce a typical odour during use and when drying owing to the raw materials used in their formulation.

Composition

Natural latex milk, dammar, linseed oil stand oil, water, citrus peel oil, rosemary oil, eucalyptus oil, milk casein, borate, silicate clay, methyl cellulose.

The information contained in our current full declaration is binding.

Colour Shade(s)

White in a wet condition, transparent after drying.

Density

Approx. 1.0 g/cm³.

Viscosity

Thixotropic, approx. 80 dPa.s at 20 °C.

Hazard Classification

Not applicable.

Application Methods

With lambswool roller or medium-sized toothed applicator.

Thinners

Ready for use, must not be thinned for application.

Coverage

Applied with a roller, approx. 0.08 kg/m², applied with a toothed applicator, approx. 0.50 kg/m². Exact coverage values should be determined on the actual object.

Drying Time in Normal Climates

- a) Airing time: approx. 10 - 20 minutes;
- b) Laying time: approx. 10 minutes;
- c) Load bearing: after approx. 24 hours
- d) Final adhesion strength: after approx. 48 hours

The drying times quoted are based on normal climatic conditions (20 °C, 65 % relative humidity). In cases of high humidity, low temperatures and application of excessive quantities, the drying time may be considerably prolonged.

Cleaning of Utensils

Wash utensils immediately after use with cold water.

Storage

Store in tightly closed containers in a cool and dry place free from frost. Stored in the unopened container at a maximum temperature of 18 °C, the product is stable for approx. 1 year.

Packaging Materials

Container made from polypropylene or polyethylene.

Information for Use and Safety Advice

Mix well before use. Minimum working temperature 12 °C. Provide adequate ventilation until the adhesive has completely dried.

Even natural adhesives must be kept out of the reach of children. In spite of its biological degradability, do not dispose of the product into waste water.

When working with other AURO products, please observe the appropriate Technical Information Leaflets.

Recommendations for Application

AURO Natural Latex Adhesive No. 388

1. SURFACE

1.1 Suitable surfaces

Screed on cement, mastic asphalt surfaces, anhydrite and magnesia bases, plastic surfaces, linoleum, stone floors, wood and wooden materials.

1.2 General requirement for the surface

The surface must be dry, chemically inert, even, free from cracks, clean, grease-free, wax-free and tension and pressure resistant.

2. PREPARATION OF THE VARIOUS SURFACES

2.1 Type of surface: screeds and stone floors

2.1.1 Preparation of the surface

Clean the surface: remove coarse dirt, brush or (better) vacuum clean.

2.1.2 Primary treatment

Surfaces consisting of screed or levelling compound must be checked for freedom from alkalis. Neutralise if necessary with alum solution (5 %), wash again and allow to dry. Sandy surfaces or surfaces which are highly or unevenly absorbent should be sized with AURO Natural Resin Oil Impregnation No. 121 in accordance with instructions (see relevant Technical Information Leaflet).

2.2 Type of surface: wood or wooden materials

2.2.1 Preparation of the surface

With wooden materials, check that the surface is firm and that board joints are level. Level off if necessary using a suitable filler or sand down a remove dust. If alkaline levelling compounds are used, the surface must be primed as described under 2.1.2.

2.2.2 Primary treatment

Untreated wood or wooden materials must be treated with AURO Natural Resin Oil Impregnation No. 121 in accordance with instructions (see relevant Technical Information Leaflet). Pre-treated surfaces need no primary impregnation treatment.

2.3 Type of surface: plastic coverings and linoleum

2.3.1 Preparation of the surface

The surface must be firm, chemically inert, dry, clean, grease-free and wax-free. Clean if necessary with a suitable cleaner.

2.3.2 Primary treatment

No primary treatment is needed.

3. GLUING THE VARIOUS FLOOR COVERINGS

3.1 Suitable floor coverings

All textile floor coverings and natural fibre carpets.

3.2 Preparations for gluing

Before commencing with the laying work, spread out the floor covering in the room to allow it to acclimatise (observe the laying instructions provided by the manufacturer).

3.3 Type of material: textile materials with woven backing

3.3.1 Laying carpet roll

Cut the covering roughly to size and lay out completely in the room, then fold back one area at a time for gluing. Apply AURO Natural Latex Adhesive No. 388 evenly over the surface with a lambswool roller. Lay the covering onto the adhesive bed after allowing approx. 10 minutes airing time and, starting in the middle, roller down avoiding folds, then cut to size.

3.3.2 Laying carpet tiles

Apply AURO Natural Latex Adhesive No. 388 to a part area with a lambswool roller. Only apply the amount of adhesive that can be processed within the laying time of 10 minutes. Lay the tiles carefully onto the adhesive bed after allowing approx. 10 minutes airing time and push into the correct position applying slight pressure. Roller the tiles down over the entire surface using a rubber roller to remove all air bubbles.

3.4 Type of material: natural fibre coverings such as sisal and coconut fibre carpets

3.4.1 Laying carpet roll

Proceed as described under 3.3.1, but in the case of heavy carpets, apply AURO Natural Latex Adhesive No. 388 using a toothed applicator with medium-sized teeth (e.g. B3 with 3 - 4 mm tooth offset). Lay tiles immediately into the fresh adhesive bed without allowing for airing time and press down well. It is essential to carry out trial laying with several tiles!

3.5 Type of material: textile materials with foam backing

3.5.1 Laying carpet roll

Proceed as described under 3.3.1, but in the case of foam-backed textile coverings, an airing time of approx. 20 minutes must be allowed for.

3.5.2 Laying carpet tiles

Proceed as described under 3.3.2, but in the case of foam-backed textile coverings, an airing time of approx. 20 minutes must be allowed for.

4. REMOVAL OF THE FLOOR COVERING

Lift one corner of the floor covering using a spatula and peel off the covering slowly, keeping it flat. It can help if the underside of the covering is moistened. Because of the wide variety of possible surfaces, interaction (damage or discolouration) with the surface cannot be ruled out (e.g. in the case of light-coloured linoleum and synthetic coverings or existing paint). It may be necessary to use generally available mechanical equipment for removing or cleaning the floor covering. Residues of adhesive and foam backing can usually be removed with the help of a spatula using water to which AURO Vegetable Soap No. 411 has been added.

5. DISPOSAL OF PRODUCT RESIDUES

Do not discard any residues of AURO Natural Latex Adhesive No. 388. Opened containers should be securely re-sealed and stored for later use. Otherwise, AURO products are comparable with household waste in terms of their constituents, and can therefore be composted in a dry state. However, disposal in accordance with current legal requirements for paints and paint residues is prescribed for these products.

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 01.11.1996.

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