

AURO

TECHNICAL INFORMATION

AURO Plant color lasur binder No. 379

TYPE OF MATERIAL

Pure plant binding agent emulsion.

APPLICATION

Used as additional binding agent and for consistency control of AURO plant color lasur No. 360. Also used as essential binding agent when mixing wall lasur glazes from dry pigments or from AURO color concentrates for wall paints No. 330.

TECHNICAL CHARACTERISTICS

After completely hardening transparent and nearly colorless lasur binding agent, water-soluble. Very good water vapor diffusion characteristics.

BIOLOGICAL-ECOLOGICAL CHARACTERISTICS

No emission of poisonous or harmful gases; free of chlorinated hydrocarbons or other non-degradable environmental poisons. No harmful gases are emitted from completely cured coats, harmless when in direct contact with organisms. Natural ingredients have their own characteristic smell. Causes no noticeable electrostatic charge. Positive effect on room climate because of high reabsorption and hygroscopicity. All the natural ingredients have been known to the human organism since the evolutionary periods, therefore a real knowledge of the long term effects on life. Only pure plant binding agents are used. Raw materials from closed ecological cycle. Plant chemical composition exclusively produced with solar energy (photosynthesis). Produced to special ecological standards, utilizing natural gentle chemical and technological procedures unarmful to the environment. Integrates fully with mature ecological systems. With no recognizable long-term risks for the environment.

COMPOSITION

Water, beeswax, walnut oil, tragacanth, shellac (ammonia soap), colophonium, larch resin balm, lavender oil, plant alcohol.

VOC COMPOUNDS (percent of mass)

8.0 %.

COLOR

When liquid, milk-white. After curing through almost transparent.

DENSITY

Approx. 0.99 g per ml/.

VISCOSITY

Barely flowable.

HAZARDOUS MATERIALS CLASSIFICATION

Combustible. Flash point approx. 47.5 C/ 117 F.

APPLICATION METHODS

Depending on the instructions of the corresponding base product. Stir well before and during application.

THINNER

Ready-to-use mixture. If necessary add distilled water.

QUANTITY REQUIRED AND DRYING TIMES

Depending on the corresponding base product.

TOOL AND EQUIPMENT CLEAN-UP

Immediately after use with water, if necessary add AURO concentrated plant soap No. 411.

STORAGE

Store cool and in closed container. Protect from freezing. Storage stability: about 6 months.

SAFETY MEASURES

Stains or spots should be removed immediately before drying using water or soapsuds. Further information (raw materials used, production processes, composition, effect and social importance of wall lasur plant pigments and surfaces) can be obtained from information leaflet No. 15) available at every AURO-dealer. We do not use any preservatives so if the product smells fermented or bad or if there is any kind of mold on top of product do not use and return for a new container.

Product residue may not be poured into waste water in spite of its biological degradability.

Persons with allergies to certain natural substances are advised to consult the list of ingredients.

Keep natural paints out of reach of children.

Reminder! If you have never worked with our product before you must first try it out and test it on some sample scrap material (our products apply, smell and work differently - start out by using smallest size for testing). Also please see terms and conditions on back of invoice / bill.

Recommended Application

AURO Plant color lasur binder No. 379

1.0 APPLICATION AS ADDITIONAL BINDING AGENT AND CONSISTENCY CONTROL

This is the primary use of the plant color lasur binder. A detailed description is given in technical information leaflet for AURO plant color lasur No. 360. According to experience 5-10% is added to the already diluted plant lasur No. 360. Exact quantities can only be determined on object to be coated.

2.0 APPLICATION AS BINDING AGENT FOR DRY PIGMENTS

2.1 SUITABLE SURFACES AND BASIC REQUIREMENTS OF SURFACE MATERIALS

The same conditions and preconditions as for AURO plant color lasur No. 360 apply for self-produced lasur colors with a base of dry pigments and the AURO plant color lasur binder.

2.2 MIXING OF LASUR COLOR

The powdery pigment is mixed with water until a paste-like consistency is achieved. The following products are added to 100 ml (0.1 liter) of mixing water: 1 ml of AURO plant alcohol thinner No. 219 and 1 ml (0.001 liter) of AURO concentrated plant soap No. 411. After that the paste-like mixture must be kneaded thoroughly using an appropriate tool (spatula, electric mixer). Let the mixture settle for about 24 hours in a covered container.

Then the pigment paste must be evenly and thoroughly mixed with AURO Plant color lasur binder No. 371 using a mixer or some other equivalent appliance.

The quantity of binding agent to be added depends on the characteristic of the pigments used. It is at least 3 parts of lasur binder to 1 part of pigment paste. If the surface is still 'dull' after a test coat, the quantity of binding agent should be increased. There is nothing wrong in respect to utilization of other than AURO pigments if these are neutral, non-water soluble and light-fast. But no guarantees in respect to compatibility can be given.

3.0 APPLICATION AS BINDING AGENT FOR PIGMENT DISPERSIONS

The AURO plant color lasur binder is also suitable for processing dispersions of earth and mineral colors. The following products are suitable as dispersions: AURO color concentrates for wall paints No. 330 and all other water soluble pigment dispersions. But the compatibility of these various unknown materials cannot be guaranteed.

To mix the final plant color glaze both components must be kneaded thoroughly best using an appropriate tool (electric mixer). Exact quantities can only be determined by applying a test coating.

4.0 DISPOSAL OF PRODUCT RESIDUE

Product residue of AURO plant color lasur binder can be stored for a prolonged period if kept at refrigerator temperatures. To increase storage stability wipe the surface of the product smooth and cover with AURO cembra furniture polish No. 441 (use only clear supernatant). Looking at our ingredients the dried up residue may be composted. According to state and federal regulations any leftover must be deposited at designated waste sites.

All information is based on knowledge compiled from long term research and practical tests and experience. It is meant to inform and advise the customer or user but does not release him from checking the suitability of the product for the intended application. No claims can be derived from this information. Issuing this leaflet makes previous technical information leaflet obsolete.
State of information: November 1st 1988.

© AURO 1990

AURO

AURO Pflanzenchemie GmbH • Postfach 12 38 • D-38002 Braunschweig • Tel. (05 31) 2 81 41 41

GB AURO Ltd. 01799-584888 IRL AURO Ltd. 071-43452 USA Sinan Comp. 916-753-3104 J Inui Corp. 0081-6-231-2971 S.-E. Asia Living Stone Corp. 0082-2 5631404