

AGLAIA CORROSION PROTECTION PAINT

Corrosion inhibiting priming paint for ferrous metals and steel, for indoor and outdoor use. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA CORROSION PROTECTION PAINT is a covering priming paint for bright metal and steel, indoors and outdoors. Suitable e.g. for steel girders, fittings or bars. Has an inactivating, inhibiting effect on the metallic surface. Not suitable for galvanized steel sheet. Intermediate coating with AGLAIA PRECOATER, white-matt. Further treatment with AGLAIA WEATHER PROTECTION LACQUER for outdoors, or AGLAIA INTERIOR LACQUER, glossy or satin-matt for indoors.

Processing:

Thoroughly remove corrosion and degrease metal, see Surface and Pretreatment. Carefully stir up AGLAIA CORROSION PROTECTION PAINT from the bottom of the container and apply evenly and freely, using a flat or round brush or a paint roller. Use undiluted. A second layer, no sooner than 24 hours later and after fine sanding, is recommended for rough, porous or profiled surfaces. Ensure proper covering of edges. For use with a spray gun, thin with 3 to 7 % AGLAIA BALSAM LACQUER THINNER and apply evenly and sparingly. Suitable for low and high pressure up to approx. 5 bar. For airless or air mix application, make sure to use sparingly and smooth off afterwards using a brush. Try to avoid excessive film thickness and paint flow.

Technical Features:

Iron mica based active mineral pigments have an inactivating effect on the metal surface and reduce the susceptibility to corrosion. The strongly adhesive primer prevents the access of water and, thus, of corrosion stimulating substances carried along, such as air pollutants and salts. AGLAIA CORROSION PROTECTION PAINT contains plant oils that absorb oxygen while drying and cross-link to become an elastic, water-repellent film. No tendency to flake off even when subject to intensive weathering. High solids content. Free of toxic, chromium (VI) or lead based heavy metals.

Recommended from a biological and ecological building point of view.

Physical/Technical Characteristics:

Density: 1.47 g/cm³
Efflux time (4 mm DIN / 20°C): 140 secs
Solids content: 80 wt-%

Color tone:

Dark brown.

Drying:

Under normal conditions, dustfree dry after 6 to 8 hours, touch dry and safe to coat after 24 hours. Thick layers and low temperatures delay the drying process. Therefore, ensure proper ventilation and heating. Handle with care until completely dry.

Yield:

On smooth metals: approx. 0.10 l per coat and m².

Available Sizes:

0.125 l, 0.75 l and 3 l.

Cleaning:

Clean appliances, tools and clothes with AGLAIA BALSAM LACQUER THINNER immediately after use.

Storage:

Lasts at least 12 months when stored cool and free of frost in the airtight sealed original container. Once opened, re-seal container airtight.

Composition:

Full declaration according to the quality standards of the Association for Natural Colors (AGN):

[1]: Dehydrated castor (stand) oil, Citrus peel oil, Iron mica, Diatomaceous earth; [2]: Zinc white, Talcum, Silicic acid; [3]: Calcium stearate, Lecithin, Turkey red oil, Aluminum stearate, Swelling clay, Co/Zr/Ca drying agents.

Explanation of Symbols:

[1] ... Raw material rate in product > 10%
[2] ... Raw material rate in product 1-10%
[3] ... Raw material rate in product < 1%

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Surface and Pretreatment:

General Requirements:

Apply to bright steel only. Careful and pore-deep removal of corrosion by sanding or sandblasting is imperative (percentage purity according to DIN 55 928: Sa 2 1/2). Thoroughly remove any separating agents, oily or greasy impurities with AGLAIA BALSAM LACQUER THINNER. Wettability test with water. Carefully remove dust, protect from flash corrosion and, if possible, prime the same day. Brandnew steel sheet should be lightly sanded for better adhesion. Completely remove old, less adhesive, flaking coatings. If appropriate, only treat individual spots with AGLAIA CORROSION PROTECTION PAINT. The surface must be clean, dry and coatable.

AGLAIA CORROSION PROTECTION PAINT is not suitable for galvanized steel or nonferrous metals.

Also not appropriate are metal parts that are in steady contact with the ground or water or under mechanical stress. Steel coatings subject to aggressive climate, such as deicing salt or industrial atmosphere, require intensive maintenance.

Further Treatment:

White-matt intermediate coating with AGLAIA PRECOATER. Finish with AGLAIA WEATHER PROTECTION LACQUER for outdoors or AGLAIA INTERIOR LACQUER, glossy or satin-matt for indoors. Always fine-sand and carefully remove dust prior to application. Surfaces treated with AGLAIA CORROSION PROTECTION PAINT should be recoated within a week. After longer periods of nonusage, carefully clean and sand.

Safety Instructions and Disposal:

► Hazard Class: Flammable (VbF [Flammable Liquids Regulation] A II)!

When applying, keep away from any ignition source, refrain from smoking and ensure proper ventilation.

Cloths soaked in drying plant oils generate a risk of self-ignition. Therefore, always store in closed, airtight metal containers. Chemically sensitive and environmentally ill persons, please pay attention to the full declaration. Keep out of reach of children. Do not dispose of organic coatings into the sewage system. Disposal of product remainders according to legal regulations. Disposal of empty containers through resource collection points.

► Waste Code: Product and Product Remainders (European Waste Code): 080199 (Coatings).

It is our objective to provide, through this technical information, advice based on our skills and practical experience. Any instructions given are non-binding and do not release the user from his or her liability to check for product suitability and application methods him/herself with regard to the surface used. Technical modifications may result from product development. Upon publication of a revised or new version, these instructions will automatically lose their validity. The details contained in the EU Safety Data Sheets in their current form dictate liability for classification in terms of the Hazardous Substances Regulation, disposal etc.