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AQUALIN Timber Stain

PRODUCT INFORMATION

DESCRIPTION: A unique, water based, high performance, solid colour, low VOC linseed oil penetrating timber stain.

USES & PROPERTIES: For use on absorbent, new or weathered, timber surfaces. Aqualin is applied as a water based product, when the water evaporates, linseed oil is released to penetrate into the timber, forming a low gloss stained finish with high opacity, using pigments giving excellent UV absorption and high durability. The film dries overnight to a surface with no 'rub off' and continues hardening for several days.

AQUALIN is a high-quality stain suitable for houses, yet it remains affordable for fences. With 2 coats applied and worked well into the well prepared timber, the lifespan can be up to 5-6 years, with annual maintenance and touching up areas with loose timber fibres. Its ease of application makes it perfect for DIY enthusiasts.

Aqualin can be used over previously stained surfaces provided they have weathered and become absorbent so that the Aqualin can soak in. (You can test absorbance of doubtful surfaces with plain water to check if soaks in and does not form water beads.)

Aqualin is also useful as a primer/ sealer on weathered areas of wood when painting. It can be over coated with conventional paints, but our NOVEX MULTIVERSAL Multi-Purpose Paint or NOVEX TIMBERSTYLE Deck & Timber Paint is recommended.

COLOURS: Brown Bark, Charred Grey, Denim, Ebony, Green Pine, Nutmeg, Redwood, Rustic Oak, Stonewood, Transpar (Clear).

Note: The Transpar (Clear) is not as durable as the colours, so is not recommended for exterior finishing unless some colour is added in the form of Aqualin colour or Universal colourants.

Use as a primer

Whilst you can use any colour, Transpar is ideal to be used as a primer if excessive loose fibres are present, or you have an absorbent timber surface, to improve the adhesion of paint. Badly weathered timber surfaces also have loose fibres that can lead to premature failure of any finishing coat. For these surfaces we also recommend the application of one coat of Aqualin Transpar applied liberally and well worked into the weathered surface by brush before application of NOVEX MULTIVERSAL Multi-Purpose Paint or NOVEX TIMBERSTYLE Deck & Timber Paint.

Note: Always colour test first to check your choice of AQUALIN colour gives the result you want on the surface you are coating.

APPLICATION DATA:

Surface Preparation:

All Surfaces: Must be sound, clean, dry and free from dirt, oil, grease, mould, moss, soot, lichen, salt, bird droppings and other contaminants. We would recommend a pre clean with NOVEX TREAT-IT Fungicidal Treatment & Cleaner.

Mould, Moss & Lichen:

If mould, moss or lichen is present, pre-treat the surfaces in advance with NOVEX TREAT-IT Fungicidal Treatment & Cleaner and leave for at least 2 weeks, then remove dead material and dirt by scraping, scrubbing or water blasting. Leave to dry.

Note: Failure to treat and removal is critical to achieving a successful long-term decorative stain system with Linseed Oil and to achieve this you need to treat, leave until it has died then remove.

Note: Heavy water blasting is not recommended as it can "fluff" the timber surface, use a low-medium pressure wash down and/or scrubbing.

Weathered Timber Absorption:

On older heavily weathered timber, the top layer is always absorbent, as is previously stained surfaces (so long as they are well weathered), so AQUALIN is ideal.

For hardwoods, unless previously weathered, it will keep AQUALIN on the top of the surface where it will dry much slower (and also have initial gloss).

We recommend that hardwood timbers be weathered for 12 or more weeks before the application of AQUALIN Timber Stain. This assists with the removal of oil and tannins and opens the fibres to aid penetration. Rinsing with water several times over this period is beneficial in addition to the use of the appropriate NOVEX preparatory product of NOVEX TIMBER CLEAN & PREP Fungicidal Treatment & Cleaner for timber deck preparation and NOVEX TREAT-IT fungicidal treatment & cleaner for other outdoor timber surfaces preparation.

APPLICATION:

Apply on a fine day. Avoid application if rain is forecast within 24 hours or the temperature is below 5°C. Stir well before use with a wide flat stirrer in a circulating "bottom to top" motion.

Apply with brush, roller, speed pad or spray gun (airless spray is best for larger areas).

Thin with water, but only if necessary for easy application by the selected equipment.

Two coats are recommended to give greater protection to the timber and higher opacity.

Ensure you apply the AQUALIN liberally into the top board edges of fences with a brush as much as practical to ensure performance (especially when using Airless spray), as this area can have loose timber fibres, and the stain needs to be worked in well.

Notes: due to variations of absorption in some timber grains, initial gloss patterns may be evident, but these diminish with time.

If the project requires more than one pail of product (especially different batches) it is good practice to add some of the new pail to the last of the old pail during application to ensure colour uniformity.

Drying Time:

As a guide AQUALIN will be touch dry in approximately 90 minutes and can be recoated after 90 minutes. Recoat either when the first coat has absorbed in or after it becomes touch dry. The dry film of Aqualin is initially soft but hardens over several days as the linseed oil dries by oxidation.

Note: Drying and curing times will vary depending on temperature and humidity conditions at the time of application.

Clean-up:**GENERAL DATA:****Maintenance:**

We recommend washing every 12 months (after each winter is a great time) with NOVEX TREAT-IT Fungicidal Treatment & Cleaner to remove dirt deposits. Dirt, salt and bird deposits left on the surface will encourage the growth of mould and negatively affect the stain performance.

Gloss Level:

Low sheen, when absorbed into the surface.

Theoretical Coverage: 6 – 8 sq metres per litre per coat. This varies with the texture and absorbency of the timber. Rough, weathered surfaces can use 4 sq metres per litre.

Application Temperature: 5°C to 30°C.

Shelf Life:

Store in cool conditions away from direct sunlight. Under normal conditions full containers can be stored for several years. Part containers can destabilise or suck in due to depletion of oxygen by the Linseed Oil, so transfer to a smaller container if keeping for future use. Check contents before use

Specific Gravity:

1.0 = 1.0 kg/litre

Sizes available:

Aqualin is supplied in Testpots, 4 litre and 10 litre plastic containers. Bulk 100 litre also available on request.

Low VOC: What does "Low VOC" mean? Low VOC paints have a reduced amount of volatile organic compounds. Therefore, the paint won't give off as many fumes, compared to traditional oil based stains. This translates into a more pleasant painting experience.

COMMON QUESTIONS & ANSWERS

Q How do we treat moss, lichen and mould?

A With NOVEX TREAT-IT Fungicidal Treatment & Cleaner and leave for at least 2 weeks, then remove dead material and dirt by scraping, scrubbing or pressure washing.

Note:

Avoid using any cleaners which have sodium hydroxide (caustic soda) – if it is not washed off fully it will have a reaction with the linseed oil.

Q What if we get gloss variations with Aqualin?

A Gloss variations can occur due to how much of the oil has been absorbed into the timber fibres. The situation 'evens out' to a low sheen finish over a period of time.

Q How far can we reduce the colours with Transpar?

A A mixture of 10 litres of Transpar mixed with 4 litres of Aqualin colour will still have good colour strength. (We have recorded instances of mixes of 10 litres of Transpar to 3 litres of Brown Bark being applied to a house and it still performs well.) A Transpar/Rustic Oak mixture would not be able to be reduced as much, as the Rustic Oak already has a reduced pigment level.

Q Can we use Aqualin on interior timber surfaces?

A Yes, it is a house quality stain which can be used on interior, absorbent timber surfaces. Take care with items coming in contact with the newly stained surface until it is fully dried as linseed oil has a slow curing time.

Q Can I use Aqualin on decks?

A Aqualin has been used on decks, but this is not a recommended primary use for this product, as Aqualin requires a much longer time to fully harden compared to other products specifically formulated for decks.

Stains sold as decking stains should ideally dry hard in a short time as they are often walked on soon after staining meaning because of the very slow drying nature, Aqualin is not ideal. Aqualin is a super durable, slow curing, highly penetrative stain that absorbs into the timber where it bonds with the timber fibres rather than just sitting on top like a paint film. It is intended for absorbent/porous types of wooden surfaces. Reservations about recommending Aqualin for decking relates to the time the surface may remain tacky and the concern this may cause users.

As a guide if you were to coat a normal absorbent surface which is not to be walked on, Aqualin would be considered fully dry within 1-2 days whereas for decking type situations it may take more than a week.