

YAKISUGI DENTO

IOKA Char Oil Application and Maintenance Guidelines

Overview

IOKA Char Oil is a penetrating, non-filming, natural plant chemistry timber protector made in New Zealand. Designed for charred timber cladding, IOKA Char Oil is suitable for application on all exterior wood, decks, outdoor furniture and can also be specified for interior finishing.

Surface Finish – Charred + Oiled

Our Yakisugi DENTO is the traditional surface finish seen across Japan for centuries. This dragon like skin has a hygroscopic surface which manages water ingress and egress as part of its natural science. DENTO requires all cut ends to be coated with IOKA Char Oil prior to installation.

Application

All DENTO Yakisugi products have been factory coated all sides with 2 x coats of IOKA Char Oil.

During installation DENTO requires 1 x coat of IOKA Char Oil to be applied to all cut ends of timber where raw timber is exposed. An additional amount of the IOKA Char Oil will be supplied to do this on site. Oil can be applied with either a speed brush, lambs wool brush head applicator, 6mm foam roller or quality paint brush.

IMPORTANT NOTE - It is important to apply an even thin coat of product to the face as thick coats of product will result in "clouding" due to oxygen being trapped under the surface of the oil. This cannot be remediated and must be avoided.

Maintenance

DENTO is a maintenance optional product. If maintained on a 24-48 month cycle DENTO will remain in as / new condition and continue to exhibit the dragon like texture. If no maintenance is carried out the charred surface will gradually change and evolve over time. Fading, pock marks and lugs (charred pieces) will become loose and fall off exposing the warm brown thermally modified surface underneath. This uneven weathered patina is celebrated

across Japan expressing completely unique appearances to each and every different building due to differing styles of architecture, orientation and exposure to UV. Over a very long period of time the charred surface will have completely evacuated with the entire face back to the raw thermally modified timber which eventually will finalise the process in a beautiful silver patina.

IMPORTANT NOTE - It is important to note that although the range of Yakisugi products from SUGi will require significantly less maintenance than traditional timbers, one must consider the surrounding factors that will play a part in the speed of natural deterioration (weathering). Environmental conditions, building design, orientation and geographical location can dramatically reduce the time frame between maintenance intervals.

Cleaning of Implements

Immediately after use clean equipment with white spirits or mineral turps, followed by soap and water. (for best results use a plant based detergent)

Safety Instructions

Do not pour oil residue into the sewer. Let the remnants dry out and dispose with your domestic rubbish collection. Do not crumple soaked rags (otherwise spontaneous combustion may occur)

Ingredients

Tung Nut Oil, Isoparafin L, Gum Rosin, Carnauba Wax, Candelilla Wax, Eucalyptus Oil, Lead free Driers, Acticide.

YAKISUGI MAKKURO

Dryden Exterior Oilstain Application Guidelines

Overview

Dryden exterior oilstain is a deeply penetrating oil that nourishes timber from within. It has water resistant properties that helps prevent the absorption of water into timbers, reducing excessive warping, cupping, and splitting of timber, thus extending the life span of those timbers. It does not film on the surface, and therefore will not crack, flake or peel. Suitable for application on cladding, decking, hardwood outdoor furniture and other exterior timbers.

Surface Finish – Charred + Brushed + Oiled

Makkuro is a once brushed charred product machine coated with two coats of Dryden oilstain ‘midnight’ applied. The brushing removes the charred dragon skin outer layer and results in a light expression of the latewood bands being prominent as the softer material in the earlywood has been removed in the thermal modification process of charring. Makkuro comes with the added strength of having a thermally modified outer layer of timber, creating a more tactile surface for high traffic areas where the charred surface coming off on contact is possible.

Application

All MAKKURO Yakisugi products have been machine coated with two coats of Dryden oilstain “midnight” applied.

During installation MAKKURO requires one coat of DRYDEN oilstain ‘midnight’ to be applied to all cut ends of timber where raw timber is exposed. Oil can be applied with either a speed brush, lambs wool brush head applicator, 6mm foam roller or quality paint brush.

IMPORTANT NOTE – All excess oil on the show face must be either removed with a rag or spread out with a speed brush or paint brush to avoid gloss patching. It is important to apply an even thin coat of product to the face as thick coats of product will result in product building up and setting like a gloss finish due to the resin component in the oil that sets during the oxidation process. This cannot be remediated and must be avoided.

SPECIFICATION SHEET / Oil Application and Maintenance Guidelines

YAKISUGI WABI SABI

Dryden Exterior Oilstain Application Guidelines

Overview

Dryden exterior oilstain is a deeply penetrating oil that nourishes timber from within. It has water resistant properties that helps prevent the absorption of water into timbers, reducing excessive warping, cupping, and splitting of timber, thus extending the life span of those timbers. It does not film on the surface, and therefore will not crack, flake or peel. Suitable for application on cladding, decking, hardwood outdoor furniture and other exterior timbers.

Wabi Sabi Surface Finish – Charred + Heavy Brush + Colour Oiled

WABI SABI is our charred, twice brushed and then coloured product. This vigorous process will remove the outer dragon like skin as well as a lot of the thermally modified outer layer of the timber pronouncing the late wood bands that exhibit the darker colour due to thermal modification (charring). WABI SABI must go through this process of removing carbon to take on coloured oils.

Application

All WABI SABI Yakisugi products have been machine coated with two coats of Dryden oilstain applied.

During installation WABI SABI requires one coat of DRYDEN oilstain 'midnight' to be applied to all cut ends of timber where raw timber is exposed. Oil can be applied with either a speed brush, lambs wool brush head applicator, 6mm foam roller or quality paint brush.

IMPORTANT NOTE – All excess oil on the show face must be either removed with a rag or spread out with a speed brush or paint brush to avoid gloss patching. It is important to apply an even thin coat of product to the face as thick coats of product will result in product building up and setting like a gloss finish due to the resin component in the oil that sets during the oxidation process. This cannot be remediated and must be avoided.

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