



JSC Coda® Wood Oil
Information Sheet

**JSC** CODA
WOOD OIL



JSC FACTORY COATING SYSTEM

TECHNOLOGY

Building sites often do not have adequate clean, dry, and contaminant free spaces to coat and dry freshly machined weatherboards. The JSC Factory Coating System enables weatherboards to be coated under controlled conditions with our state-of-the-art coating technology.

The JSC coating system ensures coverage over the entire surface area of any profile in one pass while achieving a precise and consistent application rate. All the hard-to-reach areas of the profile are evenly coated ensuring that once the second coat is applied a premium finish is achieved.

FEATURES



Premium finish



Cost saving



Saves time

Choose JSC Factory Coating over on-site application:

- Reduces the length of time scaffolding is required on site, reducing site costs.
- The JSC coating system ensures there is an optimal use of the product which means less wastage, a cleaner site, and efficient workflow.
- High quality uniform finish.
- Boards will be delivered to site dry, well-stacked, and ready for installation.



JSC CODA
WOOD OIL



TMT Taiga Vertical Cladding coated in JSC Coda® colour Lava Grey
Matakana Showhome | Signature Homes

JSC Coda® Wood Oil is a premium water-based wood oil that cares for the timber long after being initially coated. Coda's vibrant colour palette is semi-transparent and enhances the natural variations of the grain and texture. It has been specially developed by JSC to cater to the New Zealand market and is formulated for our uniquely varied climatic conditions.

The ingredients include UV inhibitors and high-quality pigments to ensure longer-lasting coatings and longer than average intervals between maintenance coats. The JSC Coda® Wood Oil shows off the timber grain detail beautifully.

COLOUR PALETTE

The JSC Coda® Wood Oil colour palette has been designed to cater to the New Zealand market but also to unique architectural projects where a more colourful palette is required. The JSC Coda® Wood Oil colour range consists of 15 colours, as well as a clear option.

Our Lava Grey colour is a beautiful pre-grey option that mimics the silvered-off appearance of timber that has been exposed to the elements. This colour has a slightly different base composition in comparison to the other colours in this range, but still has the same long-lasting protection.

FEATURES & BENEFITS

- Enhances the natural grain and texture
- Protection from the elements
- Protection from destructive fungi and mould
- Vibrant palette
- Non-film forming
- Good penetration into the wood
- Hydrophobic properties
- Moisture resistant

RECOMMENDED USES

JSC Coda® Wood Oil is perfect for the following applications:

- Timber cladding
- Timber soffits
- Timber joinery
- Pergolas & Decorative screens
- Panelling
- Fences
- Decking*

*Coating for decking only recommended in our clear coating option.

JSC CODA® WOOD OIL ON TMT TAIGA®

UNCOATED TMT TAIGA



JSC CODA® CLEAR



JSC CODA® MAPLE



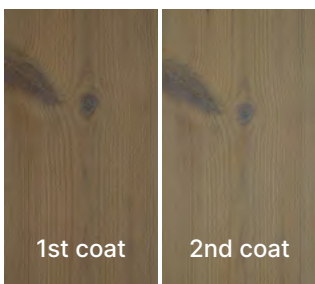
JSC CODA® WALNUT



JSC CODA® LOAM



JSC CODA® CALIABY



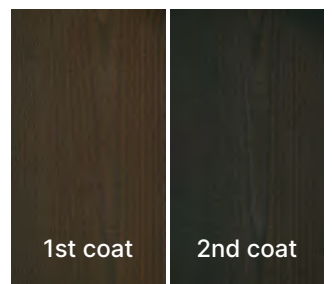
JSC CODA® LAVA GREY



JSC CODA® SILVER FOX



JSC CODA® CLOUD



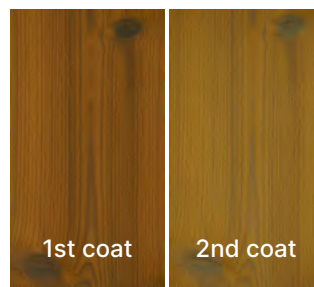
JSC CODA® SHADOW



JSC CODA® GALAXY



JSC CODA® AURUM



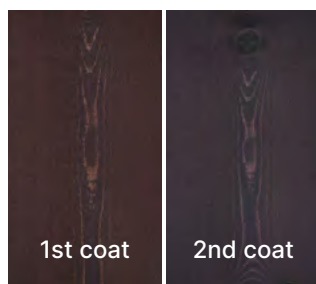
JSC CODA® BLAZE



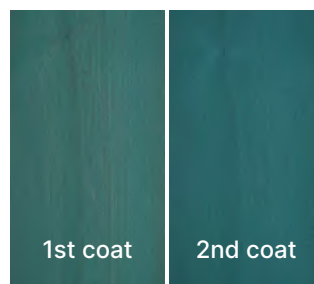
JSC CODA® SOLARIS



JSC CODA® IRIS



JSC CODA® ZINC



JSC CODA® SANTORINI



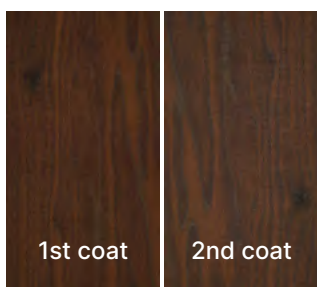
Important Note: Unlike paints, it is difficult to predict precisely how the coating will look once applied, as the appearance of stain coatings is influenced by the finish, grain, and colour of your chosen timber. Therefore, we recommend that the chosen colour is trialled on an actual timber sample prior to the final coating.

JSC CODA® WOOD OIL ON TMT TAXON®

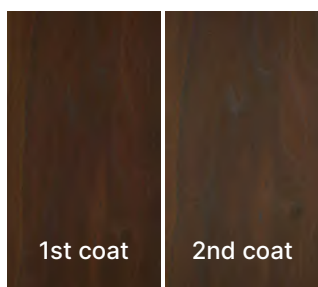
UNCOATED TMT TAXON



JSC CODA® CLEAR



JSC CODA® MAPLE



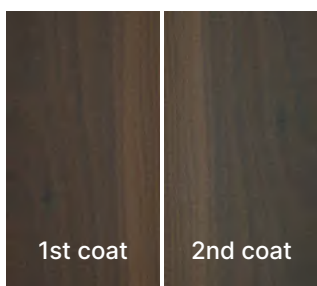
JSC CODA® WALNUT



JSC CODA® LOAM



JSC CODA® CALIABY



JSC CODA® LAVA GREY



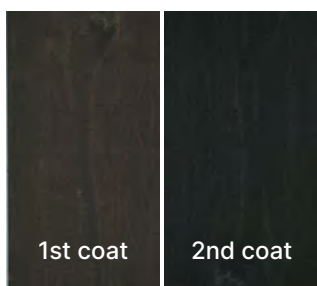
JSC CODA® SILVER FOX



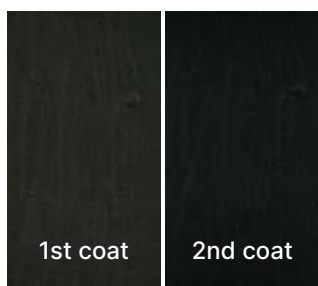
JSC CODA® CLOUD



JSC CODA® SHADOW



JSC CODA® GALAXY



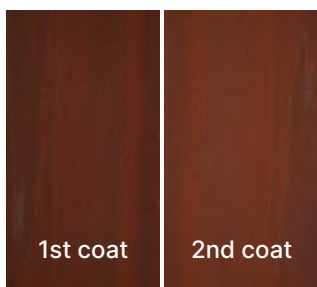
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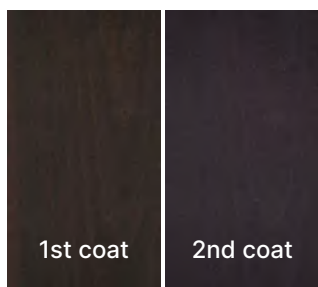
JSC CODA® BLAZE



JSC CODA® SOLARIS



JSC CODA® IRIS



JSC CODA® ZINC



JSC CODA® SANTORINI



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JSC CODA® WOOD OIL ON WESTERN RED CEDAR

UNCOATED WESTERN RED CEDAR



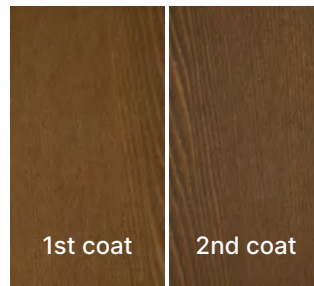
JSC CODA® CLEAR



JSC CODA® MAPLE



JSC CODA® WALNUT



JSC CODA® LOAM



JSC CODA® CALIABY



JSC CODA® LAVA GREY



JSC CODA® SILVER FOX



JSC CODA® CLOUD



JSC CODA® SHADOW



JSC CODA® GALAXY



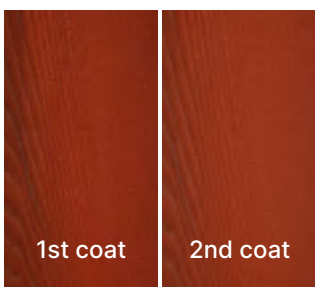
JSC CODA® AURUM



JSC CODA® BLAZE



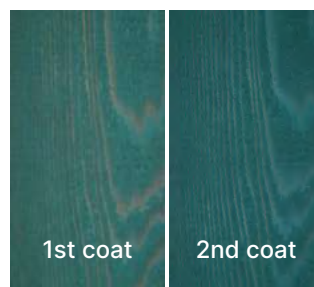
JSC CODA® SOLARIS



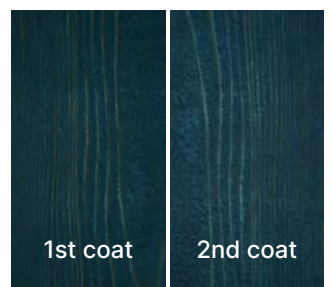
JSC CODA® IRIS



JSC CODA® ZINC



JSC CODA® SANTORINI



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JSC CODA® WOOD OIL ON ALASKAN YELLOW CEDAR

UNCOATED ALASKAN YELLOW CEDAR



JSC CODA® CLEAR



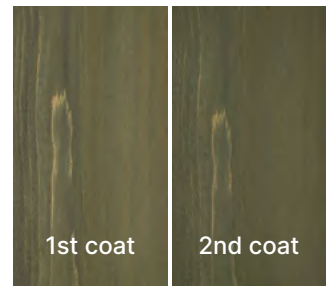
JSC CODA® MAPLE



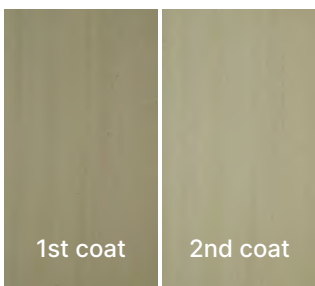
JSC CODA® WALNUT



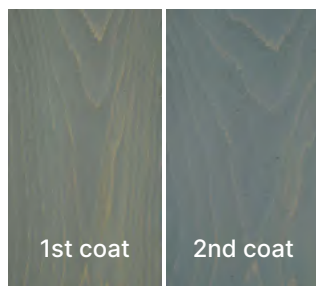
JSC CODA® LOAM



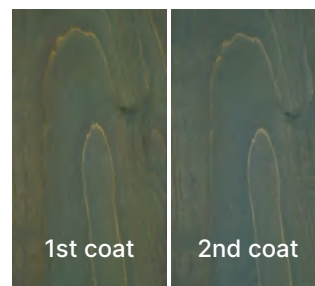
JSC CODA® CALIABY



JSC CODA® LAVA GREY



JSC CODA® SILVER FOX



JSC CODA® CLOUD



JSC CODA® SHADOW



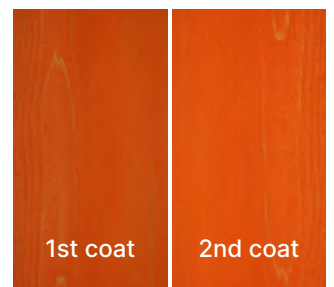
JSC CODA® GALAXY



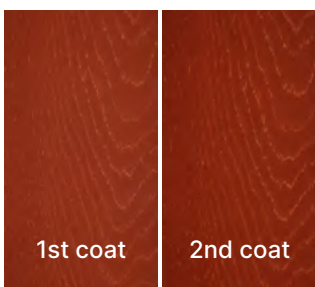
JSC CODA® AURUM



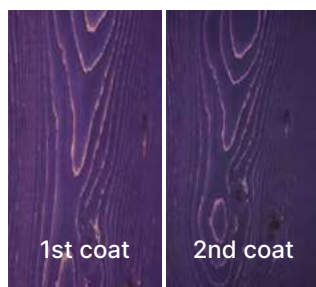
JSC CODA® BLAZE



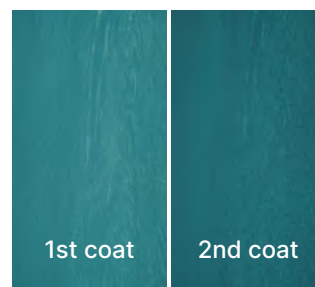
JSC CODA® SOLARIS



JSC CODA® IRIS



JSC CODA® ZINC



JSC CODA® SANTORINI



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APPLICATION & MAINTENANCE

Western Red Cedar Vertical Shiplap Cladding coated in JSC Coda Colour Walnut
Oakbridge Showhome by Hallmark Homes

EXTERIOR APPLICATION

First Coat

You've chosen your weatherboard cladding and determined the desired colour from our colour palette. It's now time to confirm how the first coating will be applied prior to installation; either on-site, or to arrive Factory applied.

FACTORY APPLIED (RECOMMENDED)

We recommend that the first coat is applied via the JSC coating system. Conducted in our highly controlled factory-environment, we ensure a consistent coverage across the entire timber profile prior to delivery.

Boards will be delivered to your site dry, well-stacked, and ready for installation, saving you on downtime, labour, scaffolding and space on site.

STORING COATED BOARDS

Ensure that timber is stacked face to face with fillets between the back faces to protect the premium finish:

- Keep weatherboards dry prior to installation; either by storing within an enclosed building or if stored outside, use additional weatherproof covers in addition to the JSC packaging wrap.
- Stack weatherboards horizontally, 100mm clear of the ground, and supported on at least three dry, clean timber bearers at a maximum of 900mm centres.
- There should be sufficient airflow at all times to avoid condensation.
- Avoid storing over standing water, wet ground, or vegetation.
- Keep timber covered on site and protected from contaminants from concrete and metal cutting, cement, plaster dust, and refuse.

Any remaining gloss or wetness needs to dissipate prior to handling and fixing.



SELF APPLICATION

If weatherboards are supplied uncoated, the first coat will need to be applied to all surfaces on-site prior to installation.

Per the Instructions below, apply one coat of your selected JSC Coating to all sides of the timber cladding. It is good practice to coat the back of the cladding boards at the bottom plate with an additional coat up to 75-150mm from the bottom edge of the cladding.

All the cut ends must be double-coated to protect the absorbent end-grain and maintain the coverage envelope.

Second Coat

You're now ready with installed weatherboards which have one coating on which was applied prior to installation (either Factory applied by JSC or self-coated). What happens next?

PREPARATION

Please read the chosen product label carefully before use.

Ensure that the surface is free of any building residues, grit or dust with a hose-down and then allow it to dry before coating.

Do not apply coatings when the substrate moisture content exceeds 18%. The optimal weather conditions are dry weather with a minimum temperature of 13°C. If possible, avoid direct sunlight and high temperatures, so overcast days are ideal.

Note: Bostik MS Safe Seal and Bostik Seal N Flex Façade is compatible with JSC Coda.

COVERAGE & DRYING

Application rate recommendation:

- New Band Sawn timber – approximately 8-12 square metres/litre.
- Restored Band Sawn timber and wooden roof shingles – approximately 6-8 square metres/litre.

To achieve optimal results, we recommend a trial application on offcuts before undertaking the actual coating.

In standard climates and on commonly used kinds of timber species:

- Touch-dry: 3 hours
- Workable: 8 hours

The drying process can be markedly delayed in unfavourable weather conditions (high humidity, low temperatures, minimal air movement). The drying time can also vary depending on the type of wood.

APPLICATION

Allow at least 8 hours after installation before applying the second coat. JSC Coatings apply easily and rapidly with:

- **Speed brush:** PAL brand Speedbrush can be used for dressed or bandsawn surfaces.

- **Spray:** Use airless spray equipment. Choose a nozzle to deliver a low-pressure coarse spray.
- **Brush:** A wide, good quality bristle brush is best for band sawn or rough surfaces.
- **Roller:** Use a short nap for dressed timbers and a medium nap for band sawn surfaces.

INSTRUCTIONS

1. Stir well before and during use. JSC Coatings must be used as supplied to achieve optimal results; never add thinners in any way.
2. Apply an even coat on all the visible/exposed faces of the cladding and ensure the coat is not applied too thick.
3. Coat up to three cladding boards at a time, working from one end to the other, maintaining a wet edge. Coating must be applied to the entire width of the board to avoid blend lines.
4. Work the stain into the grooves and joins as you progress along the boards. Any excess in the joins should be removed with a clean cloth before it begins to dry. Avoid applying excess product to the surface as it will not dry.
5. Ensure that the exposed end-grain at the bottom of the cladding is coated.
6. Allow 24-48 hours for the freshly coated surface to dry. Do not allow any exposure to water during the drying period.

CLEAN UP

- For spray equipment, brushes, and clothes; clean with hot water.
- Use a wiping rag with hot water on smooth surfaces and a brush on rough surfaces to clean over-spray or accidental spillage.
- If brushes remain clogged, rinse with Isopropyl alcohol.

EXTERIOR MAINTENANCE

TMT Taiga Vertical Cladding coated in JSC Coda® colour Lava Grey
Matakana Showhome | Signature Homes

JSC recommends an annual inspection to identify any degradation or damage to the coating. In some cases, where a home is in a coastal area for example, inspections may be required more regularly (e.g. every six months). If left unmaintained, the timber surface will discolour or degrade unevenly making the restoration process more difficult, time-consuming, and costly. In most cases, cleaning and recoating the timber is all that is needed to restore the timber's beautiful finish.

MAINTENANCE COAT

A maintenance coat needs to be applied sooner than the standard recoating intervals whenever:

- Signs of wear or natural weathering such as a loss of water repellence, colour tone, or oxidation are identified during the inspection or cleaning process.
- There is an exposure of end grains, especially on the bottom of vertical boards. Only a soft wash is necessary prior to any maintenance coats if the maintenance schedule has been followed – however a strong wash is required if not.

CLEANING

- Annual cleaning is recommended at a minimum to remove any surface contaminants such as dust, pollen, or mould before they become ingrained.
- Cut back any vegetation that has grown too close to the weatherboard as it can restrict air flow and damage the coated boards.
- Regularly brush and wash away leaves, soil or debris to keep the surface clean and defend against fungal growth.
- Attend to areas that might look discoloured or scratched to minimise further deterioration.
- Clean weatherboards with a soft brush or car cleaning brush and mild detergent, using a standard hose.
- Pre-soak the timber surface, then start washing in small workable sections at a time. Follow the full length of the boards from top to bottom with back-and-forth strokes.
- Under no circumstances should water-blasters be used as the pressure can leave visual marks or physical damage to the timber.

RECOATING

TMT Taiga Vertical Shiplap Weatherboards
coated in JSC Coda® colour Lava Grey

RECOATING

On average, recoating is required every 2 to 4 years, affected by factors such as:

- Weather/UV exposure/Humidity
- Site location and orientation – Northern and Western facing areas generally require recoating more often than Southern and Eastern walls, although the latter will still require regular cleaning
- Timber species
- Coating colour
- Restricted light and air flow
- Proximity to vegetation and airborne contaminants such as dust and pollen
- Maintenance frequency

CONSIDERATIONS WHEN RECOATING

If JSC Coda® Wood Oil was used to coat the surface previously, it means you won't need to sand back or strip the timber to ensure compatibility. Ease of maintenance, simple cleaning, and recoating are quicker and more cost-effective if JSC Coda® Wood Oil is used for all coats.

INSTRUCTIONS

1. Do not recoat in wet weather or in direct sunlight – apply when the temperature is moderate.
2. Ensure that the timber surface is clean and free of dust, oxidation, and residual coating. This can be achieved by using a non-invasive suitable timber cleaner, or engaging the services of a professional house cleaner.
3. Once cleaning is complete, wait until the timber is completely dry before applying.
4. Use a soft brush or speedbrush pad to achieve a top-quality finish.
5. Coat up to three cladding boards at a time, working from one end to the other while maintaining a wet edge. Apply to the entire width of the board to avoid blend-lines.
6. Apply two coats if the timber surface is completely bare, otherwise one coat is generally sufficient.

SAFETY INFORMATION

•The following information pertains to JSC Coda® Wood Oil.

PERSONAL SAFETY

- Wear protective gloves, eye protection, and wash skin thoroughly with soap and water after handling.
- Spilling of the product may cause a significant slip hazard. If there is any spillage, properly collect and contain.

STORAGE

- Do not store at temperatures below +5°C or above +30°C.
- Ideally, store above 13 °C prior to use to ensure oil will diffuse into the timber well.
- Only store in the original containers. Seal container tightly after use.
- Check all containers regularly for damage and seal.

ENVIRONMENTAL & DISPOSAL

- Do not apply directly to or contaminate waterways when cleaning equipment or disposing of wastes.
- Harmful to aquatic life with long lasting effects
- Avoid release to the environment.
- Dispose of according to Local Regulations or Authorities.

FIRST AID

Call a Poison Centre or doctor if you feel unwell. If medical advice is needed, have the product container or label at hand.

If swallowed: Seek medical attention. Do not induce vomiting or give anything by mouth unless authorised by a doctor.

If in eyes: Rinse gently with running water for at least 15 minutes, opening the eyes fully. Remove contact lenses, if present. Continue rinsing if the eye irritation persists and get medical advice/attention.

If on skin/hair: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation occurs, seek medical advice/attention.

If inhaled: Move to open air. In the event of breathing difficulties, seek medical advice/attention.

For urgent emergency information only:
National Poison Centre 0800 764 766



PREMIUM ARCHITECTURAL
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