Guide for Installer

Natural Product

FLAMEfixx dFx Timber products are manufactured from Radiata Pine, a natural product that reacts to climatic changes during its life. While we attempt to minimise the effects, these changes may have on the appearance of the product, resin bleed, raised grain, surface checking, or uneven swelling may occur due to climatic conditions. To reduce the risk of adverse effects in the wood fibre, we recommend the following guidelines.

Installation Guidelines:

Follow standard preparation methods for installing treated timber and store it in a dry, well-ventilated location.

FLAMEfixx should be sized and installed in accordance with Australian Standards AS 1684 Residential Framed Construction Parts 2, 3 or 4.

1. Ensure the boards are equal to the original size.
2. Any timber exposed through cutting or notching must be recoated with an approved preservative sealer (e.g., Protim Solignum XJ, Tanalised EnSeal, or Tanalised Ecoseal).
3. Apply a coat of penetrating oil (Cutek or Universal Timber Oil) to all cuts, notches, and holes before installation.
4. All fasteners should be Class 3 Galvanised or 304 or 316 Stainless Steel.
5. Remove all dirt, dust, or contaminants from the board surface or substrate.
6. Fill any defects, damage, or nail holes with compatible exterior filler.
7. Once installed, apply a coat of penetrating oil to protect the product during construction.
8. Upon completion, apply one or two further coats of penetrating oil as per the manufacturer's guidelines.

Building in BAL Areas:

- **Building in BAL Areas up to BAL 29:** FLAMEfixx dFx Timber products are suitable for use with both enclosed and unenclosed decks for all BAL areas up to and including BAL 29. When building in these areas, it is crucial to adhere to AS3959 and we recommend installation in accordance with the Wood Solutions Domestic Timber Deck Design Guide Download Here .
- **Building in BAL 40 Areas:** For construction in BAL 40 areas, additional precautions must be taken due to the higher risk of bushfires. FLAMEfixx dFx Timber products used in BAL 40 areas are suitable for unenclosed applications.
- **Ember Protection:** FLAMEfixx dFx is compliant in all BAL areas up to and including BAL 40. However, if additional ember protection is required beyond what FLAMEfixx provides, supplementary protection measures, such as ember screens or additional fire-rated barriers, can be supplied and installed by others to further enhance the building's resilience to bushfire attack.

For further technical information please visit the website
www.flamefixx.com.au

Identification on site

FLAMEfixx dFx timber products feature a running brand on every piece, which serves as a clear identifier for certifiers and inspectors on-site. This branding helps distinguish FLAMEfixx timber from other materials, ensuring that the correct, compliant product is being used.

When installing FLAMEfixx, it is important to position the timber so that the brand remains visible and intact. This visibility is crucial during compliance checks, as it allows certifiers to quickly verify that the timber meets the required standards for BAL areas. Keeping the brand intact throughout the installation process supports both compliance and ease of inspection.

Coating FLAMEfixx dFx Products:

FLAMEfixx chemistry is alkaline and consequently not compatible with every Wood Stain or Paint Coating. FLAMEfixx must be coated with penetrating oils like Cutek Extreme CD50 or Universal Timber Oil. Both penetrating oils offer a highly diverse aesthetic when used in conjunction with their array of colour tints.

- Cutek Extreme CD50
- Intergrain Universal Timber Oil

Installer Qualification Requirements:

FLAMEfixx products should be installed by a qualified carpenter/builder or under the guidance of a qualified carpenter/builder.

Fasteners:

All fasteners and fixings used with FLAMEfixx are required to be Class 3 Galvanised, 304, or 316 stainless steel.

Maintenance for Long-Term Performance:

All FLAMEfixx timber products should be regularly inspected to ensure they are performing as intended. If the installation environment has changed due to movement in the structure, it may cause moisture entrapment and elevate the risk of decay. Cracks and checks in the product surface should be filled and sealed. Regular applications of penetrating oil will extend the life of the FLAMEfixx timber product.

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