

## PAINTING YOUR EXTERIOR TIMBER KLC PRODUCT

To protect your KLC weatherboard and get maximum durability and an optimal finish these products must have a suitably applied, 3 coat protective paint finish.

### **FINISHING AND PAINTING**

When using pre-primed weatherboards and fascia ensure an undercoat base coat and 2 topcoat painting occurs soon as possible after installation. If boards have been exposed for longer than 4 weeks, some dimensional swelling or distortion of the board may have occurred during unprotected exposure to the elements. Note, some sanding and re-priming may be required.

Check for:

- 1 The moisture content of the boards before painting. Equilibrium Moisture Content (EMC) should be at 15% or less. Use a correctly calibrated moisture meter to check.
- 2 Once installed, remove any dirt and surface contamination by light sanding and dusting down. Spot-prime any exposed timber with two coats of oil primer. Spot-prime the filled nail holes. Any sealants used should be of a flexible exterior grade and suitable for over coating with acrylic paint.
- 3 Once undercoated with an acrylic undercoat, simply apply two coats of 100% premium acrylic low gloss house paint to the manufacturer's specification, at a rate of 12-14m<sup>2</sup>/L.
- 4 Once applied, the two topcoats should have a combined thickness of no less than 50 microns. The Painter must adhere to the topcoat paint manufacturer's spread rate.
- 5 The onus is on the painter to ensure that the primed surface remains well adhered to the timber substrate and is a suitable base for the subsequent topcoats. This is particularly important where the boards have been exposed for longer than 4 weeks before top coating. Painters should refer to the AS/NZ 2311:2017 Guide to Painting Buildings.

NOTE: The KLC warranty will be void if dark colours with a Light Reflectance Value (LRV) less than 45 are used.

### **COLOUR CHOICE**

Darker colours will absorb heat from the sun and may cause excessive movement, distortion, splitting and possible resin bleed.

The choice of a light top colour choice and a correctly applied quality paint system will help to minimise this occurrence.

Light colours reflect the sun's heat. Therefore, only light colours with a light reflective value (LRV) of greater than or equal to 45% may be used. Refer paint colour charts for details. NOTE: The KLC warranty will be void if dark colours with a Light Reflectance Value (LRV) less than 45 are used.

### **RESIN BLEED**

Resin bleed is a natural by-product of Radiata weatherboards and fascia, which sometimes occurs. The MCA MicroPro<sup>®</sup> treatment reduces the effects of resin bleed if the painting guidelines have been adhered to.

This information is supplied in good faith, and we recommend the installer and painters familiarise themselves with all relevant building and painting codes. Painters should refer to the AS/NZ 2311:2017 Guide to Painting Buildings.

### **WEATHERBOARDS INSTALLATION**

Weatherboard and fascia should be installed as per the current building code NZ3604 and BRANZ recommended good building practices.

- Refer to the KLC Generation 2 Installation Guidelines on the website  
<https://www.klc.co.nz/index.php/installation-guides>

KLC will not be liable for any losses incurred resulting from the failure to adhere to the current building code NZ3604 and BRANZ recommended good building practices and Painters should refer to the AS/NZ 2311:2017 Guide to Painting Buildings.