
Updated	May 2020
System	Climate® Ultra Prime
Substrate	LOSP/CCA treated plywood cladding
Application/End Use	Exterior Primer and Sealer Coat – wood-based claddings
Resin System	Polyester
VOC Content	Nil
Colour Name	Desert Sand
Gloss	Low sheen
Outdoor exposure time	3 months

Features	<p>A VOC free powder coating applied electrostatically to the face and all edges of the plywood surface that is then baked on for optimal adhesion to the plywood.</p> <p>Highly durable primer that provides excellent adhesion properties to exterior acrylic paints.</p> <p>Eliminates the need to apply a primer coat saving time and reducing the quantity of paint required.</p> <p>Helps shed water to keep the plywood drier prior to painting.</p> <p>All edges and the back 150mm of the bottom edge is powder coated to minimise moisture absorption.</p> <p>The primer can be exposed to the weather for up to 3 months prior to top coating.</p>
Painting	<p>Paint Shadowclad 3-5 days after installation to allow the weather to flash off residual white spirits which can affect paint application and adhesion.</p> <p>If the cladding has been exposed to the weather for some time wash with a mild detergent and allow to dry before painting.</p> <p>Fill any nail holes or gaps and spot prime with a quick dry acrylic primer.</p> <p>Topcoat with 2 coats of premium 100% acrylic exterior house paint as per the paint manufacturer's instructions. A minimum of 27 microns to be applied per topcoat.</p>

A third topcoat is recommended on walls facing North or if the building is located in climates considered harsh, such as alpine regions.

For Shadowclad Ultra Groove it is necessary to brush the grooves clean using a soft bristle brush or broom before washing down. The grooves of Shadowclad Ultra Groove must be painted with a hand brush to ensure full penetration into the groove area. Paint the grooves first and then paint the surface after the recommended re-coat time, repeat for the second coat

Recommended to use paints with a Light Reflectance Value of 50% or greater.

Additional topcoat options

Climate Primer may be painted with most common exterior domestic paint systems including:

- Water borne acrylic paints
- Water borne enamel systems
- Solvent borne enamel paint systems

Limitations

Allow residual white spirit from the LOSP treatment process to flash off sufficiently prior to painting.

Application of catalysed topcoats is not recommended as the flexibility of the plywood substrate may induce cracking of the topcoat.

Must be painted within 3 months of installation or exterior exposure.

Do not use active organic solvents on the coating such as Thinners, MEK

Health and Safety

Refer to Carter Holt Harvey Plywood Limited for Shadowclad™ MSDS and handling instructions.

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Technical Support

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