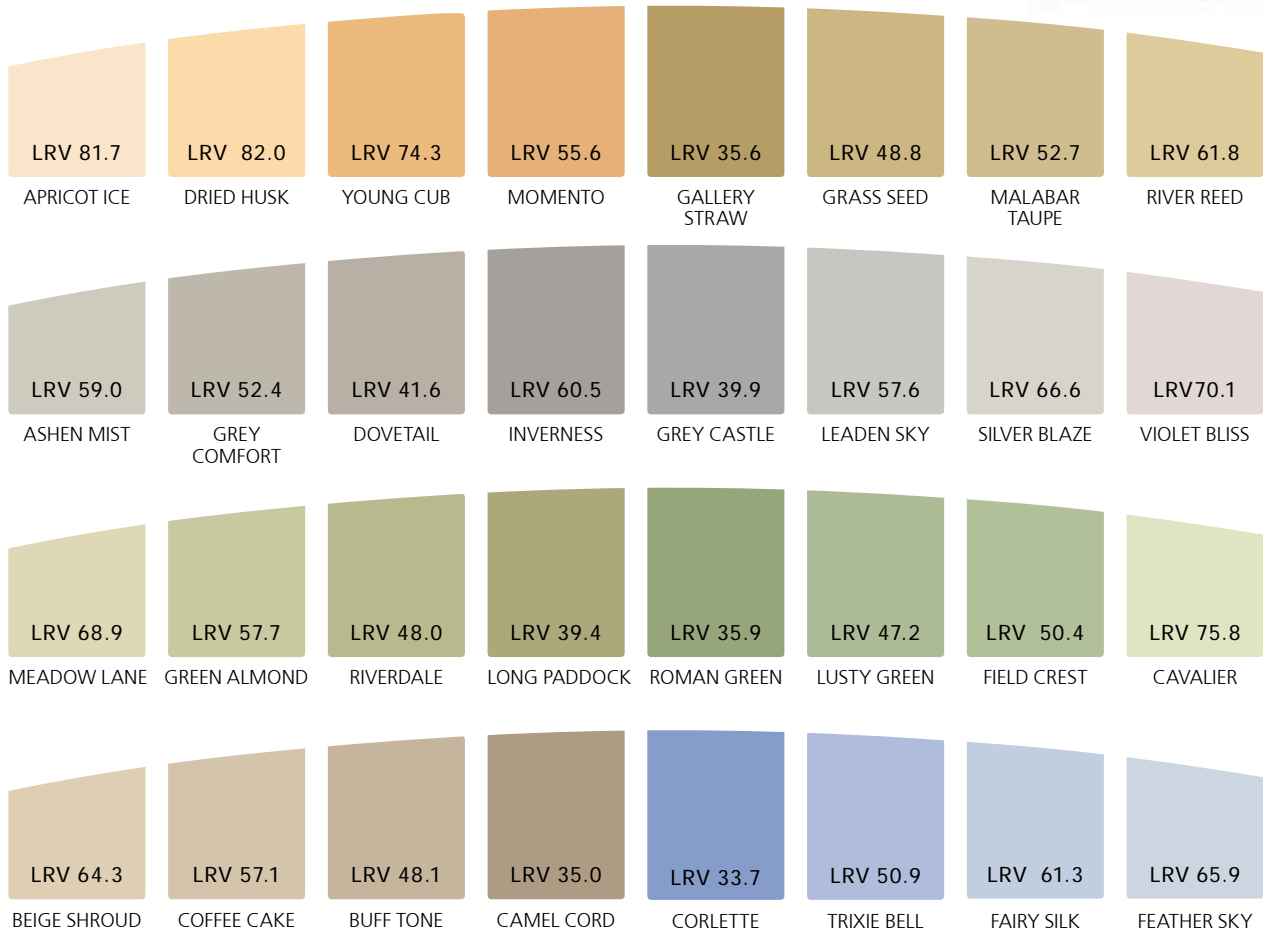


# Ideal colours for painting Design Pine

This chart is designed to assist in colour selection to get the most from Design Pine products. The defined values have been selected to minimise temperature build up in a board's surface, maximising the performance of the Design Pine product and paint system.

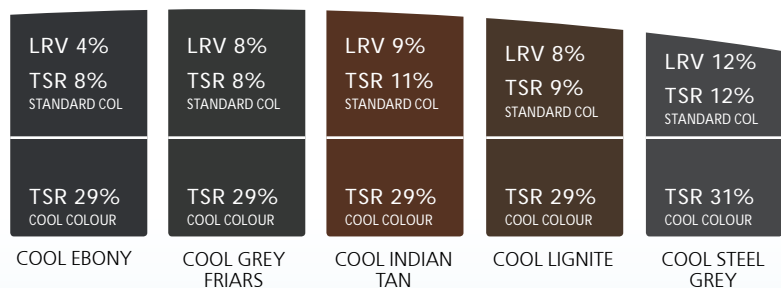
## Standard exterior paints

The light reflectance value (LRV) for standard exterior paint colours destined for Design Pine products should be greater than 30%. Colour examples below are from the Taubmans Endure range.



## Heat reduction exterior paints

Heat reduction exterior paints should be used when the desired colour is dark or has a LRV of less than 30%. The colours should be limited to a Total Solar Reflectance (TSR) value greater than 29%.



These colours have been selected from the exterior colour ranges and may not be representative of the true paint colour. This document is to be used as a guide only. Paint suppliers will be able to advise the LVR or TSR of paint colours.

The colours shown above are from the Resene Cool Colour range.

**Resene**  
the paint the professionals use



[www.designpine.com](http://www.designpine.com)

# Message for the installer

## NATURAL PRODUCT

Design Pine is manufactured from Timber which is a natural product and it will react to climatic changes during the life of the product. We attempt to minimise the effect these changes may have on the appearance of the product but resin bleed, raised grain or uneven swelling may occur as a result of climatic conditions. To reduce the risk of adverse effects in the wood fibre we recommend the following guidelines:

### Installation requirements:

Follow standard preparation methods for installation of treated timber, and store in dry location.

1. Ensure the board is equal to the original size or has the correct moisture content (8-14%) prior to installation.
2. Any timber exposed through cutting or notching must be recoated with an approved preservative sealer (e.g. Protim Solignum or Tanalised® EnSeal).
3. Remove all dirt, dust or any contaminants from the board surface
4. Fill any defects, damage and or nail holes with compatible exterior filler.
5. Sand any chalky or uneven surfaces.
6. Prime all bare areas (including cuts, and rebates) with Design Pine primer
7. Apply two coats of quality exterior paint as per manufacturer's guidelines

If the primed surface has been exposed to the weather for an extended period of time (10-12 weeks) the surface may become chalky. If this happens sanding and re-priming will be required.

### Post installation requirements:

In addition to the installation requirements outlined above, the following steps are required for post installations:

- Post tops in exposed applications are to have tapered top away from the beam / bearer to prevent water ponding on the top of the post.
- Posts caps are to be installed on all posts exposed to the weather, the cap needs to create a waterproof barrier to prevent end grain exposure.
- Ensure adequate ventilation around the base of a post, 75mm ground clearance minimum.
- Use lap joints in applications exposed to the weather
- Checked joints can be used under a roof. All checked joints are to be tight to prevent water entrapment between the post and beam.
- Do not have open holes into a post – e.g. for wire balustrade etc. Posts with wire through them should be H4 Posts Design Pine only H3
- Bolt holes must be thoroughly recoated with an approved preservative sealer (e.g. Tanalised® EnSeal).

## PAINTING TIP

When installing Design Pine, applying the first top coat before installation, this can save time later as well as help to protect against moisture uptake during the construction and finishing process. As a minimum for weatherboards, it is highly recommended that the top 50mm is top coated (the area under the lap) prior to installation as this will prevent the blue primer showing through if the board does expand and contract as a result of climatic change

## COLOUR SELECTION

The use of a **light coloured topcoat is essential**. Refer overleaf for further details

## EFFECTS OF MOISTURE

The Design Pine primer contains a moisture management system which slows the rate of moisture uptake into a board but does not offer a moisture vapour-proof coating. When boards have been exposed to periods of either high humidity or rain while in the primed state, moisture may penetrate the wood fibre causing the board to **expand or swell slightly**. If this occurs it should be left unpainted to dry out until it returns to the original profiled size. E.g. Rusticated weatherboard is 185x18mm when produced, it may expand by 2-3mm if left exposed; an alternate method is to monitor the **moisture content** of the board until it returns to **8-14%**. This will prevent unsightly lines occurring on the painted wall once the board normalises from the expanded state. **Store boards in a dry well ventilated area**, and prevention measures should be used to minimise the impact of raising moisture from underneath the boards when stored.



For further technical information and installation guidelines please visit the Design Pine website.

