

# ROUGH SAWN SCREENBOARDS

Radial Timber Rough sawn Screenboards are milled unseasoned and left unfinished with a rough sawn profile. During the milling process, boards can develop iron staining. This appears as a blue, black, or grey discolouration on the timber surface.

Iron staining is a natural and harmless occurrence that will affect all timber species particularly common in unseasoned wood. The discolouration is caused by a chemical reaction between naturally occurring tannins in the timber and iron particles from steel products. This reaction is often triggered by moisture from rain, dew, or general exposure, which allows the tannins and iron to interact.

In many cases, the staining originates from contact with the steel chains and handling equipment used as the timber moves through the milling process. As such, some level of staining should be expected with all rough-sawn, unseasoned timber.

## Natural Product Characteristics

As a rustic, unseasoned timber product, Radial rough sawn Screenboards will display natural variation in size, thickness, and profile. This variation is inherent to rough sawn, unseasoned timber and contributes to the product's raw, character filled appearance. Minor differences between boards are to be expected and should be considered part of the overall aesthetic rather than a defect.

**If you are seeking a cleaner, more refined look with consistent sizing and a dressed finish, we recommend selecting a seasoned and dressed timber product, which we also have available.**

## Options to Achieve Your Desired Finish

### 1. Allow Natural Weathering

Most iron staining will gradually fade as the timber naturally weathers. If your desired finish is a silvered or grey appearance, the boards can simply be left to age naturally.

### 2. Clean with Oxalic Acid

Iron staining can be effectively removed by washing or spraying the timber with a 5% oxalic acid solution. This treatment restores the timber closer to its original, clean appearance.

This cleaning process should be completed prior to applying any protective coatings such as oils or sealers. (Radial Timber can supply oxalic acid if required.)

### 3. Apply a Darker Finish

Alternatively, a darker oil, stain, or coating can be applied over the timber to help conceal iron staining while still protecting the boards.

**For more information, please call the office on (03) 9768 2100**



50x23mm metal staining to expect



Metal staining installed and left to fade



50x23mm stained with Rustic grey