

# FormPly Care and Handling Information Bulletin

bbi's range of form work plywood is manufactured and supplied to the New Zealand market for most general uses in the concrete forming industry for residential or commercial projects. This includes the single use, non-structural economic EconoForm plywood, to the strong bonded F17 SupaForm and F14 PremForm stress graded formwork plywood, for that detailed engineering project requiring that higher quality finish and structural strength.

The following information is a general guide for the care, handling and maintenance of bbi's formwork plywood products that can be followed unless otherwise specified by a suitably qualified professional or engineer. For specific installation guidance refer to your project lead for further specification and project specific detailing.

## EconoForm Non-Structural Plywood

The EconoForm is a single use non-structural formwork plywood that has been designed for where the strong properties of a plywood product are desired, without the structural performance or strength characteristics required when specifying non-structural form work plywood. Should structural formwork plywood be required for your project, it is recommended in considering the use of the SupaForm or PremForm plywood from our FormPly range.

## SupaForm & PremForm Structural Plywood

Both SupaForm and PremForm structural formwork plywood is made in factories that manufacture the panels in accordance with AS6669:2016, which allows the plywood to be used for formwork with tilt-up wall slabs, suspended decks, columns and precast applications. The plywood has a film face that prevents the plywood from absorbing the bleed water or moisture and will result in a smooth concrete finish.

## Storage and Handling

All plywood products should be handled and stored with care to avoid damage. The formwork plywood product is recommended to be stored under cover or shelter, out of direct sunlight, in a well-ventilated area that is away from sources of heat, flames or sparks, and protected from water or moisture.

Plywood should be stacked flat, clear of ground and be supported at minimum, on three to four evenly spaced supports as good practice.

Sudden changes in these conditions can affect the properties of the FormPly sheets. Failure to support the plywood panels may result in distortion and induce undesirable curves in the plywood panels.

## Exposure to the elements

Formwork plywood will typically maintain its structural integrity when exposed to the environment during the construction form work phase. The formwork plywood will naturally weather in time, depending on the exposure to the environment, the sun, moisture and the elements.

## Re-Use of Formwork Plywood

Should FormPly be re-used, it is highly recommended in using a proprietary release agent to the advice of the manufacturer prior to installation.

Formwork plywood boards should be cleaned immediately after use. Boards can be cleaned with warm water to remove any remaining material adhered to the surface of the FormPly.

To avoid damage to the surface and face film, use plastic or nylon tools. Use of wire brushes or metal scrapers can damage the surface of the film.

Before re-applying a release agent to FormPly, use a mild detergent or soapy water to degrease the surface before applying release agents again to the advice of the manufacturer.

Should the release agent manufacturer require additional instructions for application, then this should be followed accordingly.

## Useful References and Guidance

- BRANZ – Build 120 October/November 2010 – Formwork
- BRANZ – Builders Mate Issue 52 February 2012 – Concrete formwork for slabs and low walls
- BRANZ – Build 170 February/March 2019 – Concrete formwork basics