HARDWOOD COMPOSITE PALLETS
FOR MANUFACTURING OF CONCRETE PRODUCTS

Choose from a range of pallets

**Rhino Synthetico**
Synthetic Film Surfaced

**Rhino Fabrico**
Industrial Fabric Surfaced

**Rhino Glasso**
Glass Fibre Surfaced

- Renewable Plantation Hardwood
- Excellent Vibration Transmission
- Abrasion Resistant Surfaces

German Plant Experience Pty Ltd
www.compositepallet.com
Top and bottom surfaces of the pallet are made from multiple layers of Resin Coated Abrasion Resistant Synthetic Films for protection against corrosiveness of concrete.

Both top and bottom board surfaces contains 5 layers each of industrial interwoven fabric impregnated with high strength thermosetting waterproof resin.
Both top and bottom board surfaces constitute of multiple layers of Industrial Grade Glass Fibres impregnated with High Strength Waterproof Resin.

**Expected Life Span**

12+ Years

**Benefits of Hardwood Composite Pallets**

- Strong and Homogeneous.
- One solid piece. No gaps or joints.
- No moisture problems, even if chipped.
- Vibrational Stress Compatibility.
- Hardwood Fibre Fortification.
- Minimum deflection.
- Lesser Power Consumption.
- Less wear to machines and moulds.
- Sturdy Pallets

- Excellent vibration transmission.
- No gaps or joints.
- High block density.
- Perfect Plain Surfaces.
- Faster cycle times.
- Long life.
- Regrind and refurbish.
- Quick and Consistent Compaction.
- Sustained Quality.
Manufacturing

Boards are made of high quality densified hardwood fibres impregnated with Industrial Grade Synthetic Waterproof resin. All layers, in crossed directions, are treated with waterproof resin and pressed under extreme high pressure and superheated steam. All corners are saw cut & all edges chamfered to avoid damages to the machine. All saw cut sides are impregnated with Polyurethane based coating. Once completed, they are laminated with Glass Fibres, Industrial Fabric or Synthetic Film as per Client requirement.

Specifications

- Density of the Board 1100 ± 50 kg/m$^3$.
- Withstands temperatures from -10°C up to 120°C.
- Maximum deflection ≤ 3 mm with a weight of 500kg over 1m$^2$ area at recommended thickness.

- Tolerances
  - Length ± 2 mm
  - Width ± 2 mm
  - Thickness ± 1.5 mm
  - Diagonal ≤ 5 mm
  - Flatness ≤ 2.5 mm over the length of board
  - Moisture Content ~10%

- Available in all sizes with thicknesses from 10mm to 70mm.
- Manufactured by 3,300 Tonne Press. Repeat pressing on both sides ensures consistent and durable quality.
- Enhanced load bearing capacity.
- High resistance to Moisture absorption.
- Maximum Transmission of vibration; thus very high & homogeneous compactness of concrete.
- Flat & Joint less surface.
- Steel mesh reinforcements in top and bottom surfaces for vibration homogeneity.
- Durability for maximum performance over many years.
- Corners & sides are profiled to avoid damages to the machine.
- Reduces cycle time and substantially increases production.
- Overall performance & lifespan better than softwood, hardwood, bamboo & plastic pallets.

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