



Want a better
than zero
carbon
footprint?

Have
ours.

Weathertex and the Environment

Weathertex puts sustainability and durability at the forefront of all its products. This ensures Weathertex delivers natural, long lasting, eco-friendly timber products to customers in Australia and around the world.

Sustainably manufacturing a highly durable product is an important part of Weathertex's environmental impact.

Weathertex's timber product is the only product of its kind in the world, containing absolutely no artificial glues or binders.

As a 100% Australian owned and operated company, Weathertex is proud to deliver sustainable and durable reconstituted timber products.

Weathertex produces 100% of its product from sustainable new growth Australian hardwood in an ISO 9001 certified process. All hardwood sourced for the production of Weathertex products comes from local new growth forests within 150 kilometres of the site.

Weathertex has worked to ensure the raw timber for the production of its reconstituted natural hardwood is sourced from local sawmill tailings, thinnings and sustainably managed forests. No old growth hardwood is ever used, so the sourcing of our timber has minimal environmental impact and avoids depletion of our natural resources. Using forest thinnings and other industry by-products in the production process means timber that is not suitable for sawn timber harvesting can be utilised, rather than wasted.

The primer applied to Weathertex is a lead-free acrylic primer. As a timber product, Weathertex can be cut, shaped, drilled and worked with ease and versatility without concern for being exposed to hazardous chemicals. Weathertex will continue to develop operations to ensure that its environmental impact improves.



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Weathertex is made in Australia by Weathertex Pty Ltd ABN 67 084 713 986
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*Refer to the Weathertex Manufacturer's Warranty Conditions



timber made perfect,
naturally

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WeatherTex on Carbon and Climate Change

As Australia is proving itself as a global leader in the area of climate change mitigation, WeatherTex is turning negatives into big positives. Who would have thought that an industrial factory would return massive carbon savings by producing a product that actually contains more carbon removed from the atmosphere than what is emitted during its production.

WeatherTex can proudly boast that its products have a negative carbon footprint¹.

Timber is the only building material that is completely sustainable. Carbon dioxide sequestered from the atmosphere as trees grow, is the source of carbon in new timber cells. When timber is used to produce building products, the carbon stored in the timber cells remains locked up in the timber for the life of the product.

The trees used to produce WeatherTex cladding have sequestered sufficient carbon dioxide during their growth to counter any carbon dioxide equivalent emissions produced at the WeatherTex factory during its manufacture.

The amount of carbon sequestered in trees falls to almost zero as trees reach maturity at approximately twenty-five to thirty years of age.

Each kilogram of WeatherTex contains approximately 890 grams of timber, 80 grams of water, less than 30 grams of wax and less than 10 grams of non-toxic acrylic primer.

As dry timber is comprised of approximately 50% carbon, each

kilogram of WeatherTex cladding contains approximately 445g of carbon.

Each kilogram of carbon in timber is produced from 3.67 kilograms of sequestered atmospheric carbon dioxide. Therefore, each kilogram of WeatherTex has sequestered 1.633 kilograms of carbon dioxide from the atmosphere.

In 2008-2009, the total direct emissions produced by WeatherTex were 1.599kg carbon dioxide equivalent emissions for each kilogram of WeatherTex produced .

Given that each kilogram of WeatherTex has sequestered 1.633 kilograms of carbon dioxide from the atmosphere, the carbon stored in WeatherTex timber is greater than the direct emissions produced at the WeatherTex factory during its manufacture, which means that WeatherTex products have a negative carbon footprint¹.

Hence using WeatherTex Weatherboards or Architectural Panels, helps offset the positive carbon footprints of the other construction elements used such as steel, brick, concrete and fibre cement. Timber truly is a carbon friendly building material.

WeatherTex will always strive to do its part in our global efforts to reduce our carbon footprint on the world we live in. We are continually learning, assessing and are conscious of implementing new emissions reduction technologies as they become available.

1. Denis Cooke & Associates, "WeatherTex's Greenhouse Gas Emissions Inventory 2008-2009 and Carbon Offset Claim", July 2009