

What goes into our Wood Plastic Composite products?



RECLAIMED WOOD

44%



RECYCLED PLASTIC

50%



ADDITIVES

6%



At APR, we pride ourselves in delivering quality WPC products using Australian recycled and reclaimed materials. APR composite products have been manufactured to support the Australian environment. With this in mind, our product comes with a 7 year product protection guideline. With products in use for over 15 years, you can be reassured of quality and protection.* Our 100% Australian WPC products are made up of just three components:**

- 1. HDPE PLASTIC:** Our HDPE plastic (High-Density Polyethylene plastic) is sourced from local kerbside waste, which includes plastics such as milk, shampoo and bleach bottles. After collection, kerbside waste is sent to a Materials Recovery Facility (MRF) where plastics are sorted into different types. The sorted plastic is then sent to a plastics processing facility where contaminants are removed. The plastic is then shredded, washed and passed under a magnet to remove any metals. After this, the plastic is melted and pushed through an extruder, where the extruded plastic strands are cooled and pelletised into granules. These HDPE plastic granules are then baled and delivered to APR.
- 2. WOOD FLOUR:** Wood flour is a finely ground wood powder, produced using clean, untreated wood waste sourced from the Australian furniture industry. This waste wood is sent to a milling facility where it is micronised and converted into wood flour. This fine grade wood flour is then baled and delivered to APR ready for production.
- 3. ADDITIVES:** Additives help give our products the strength and durability required to withstand the harsh Australian conditions.

** The life of the product will depend on its use and environmental conditions. ** Product ratios can vary from time to time.*