

## ROYAL REDS AUSTRALIAN HARDWOOD DECKING VS KWILA (MERBAU)



### ROYAL REDS DECKING (Red Mahogany - Turpentine)

**DURABILITY CLASS:** 1. It has 40 years plus natural durability above ground.

**SUSTAINABILITY:** This timber is PEFC Certified from Responsible Wood Sources - non tropical rain forest timber. from state and private Australian Farms.

**HOW IS IT HARVESTED?:** Each tree is GPS tracked and each is individually selected for logging as opposed to cutting down swathes of trees which can destroy the natural habit of the land including the animals located in this area.

**IS IT AN ENDANGERED SPECIES:** No - Royal Reds are a very sustainable species for every tree that is harvested two are replanted. Each unit of wood is tracked by Forest Corp Australia right through to export.

**DOES IT LEECH/ BLEED:** Royal Reds have minimal leeching and will only leech for the first 3-4 wet dry cycles.

**BOARD DENSISTY:** 950- 995kg per m<sup>3</sup>

**FACE DEFECTS / FEATURE:** Incredible distinctive interlocking grain displaying an architectural look with a relatively clean face without defects.



### KWILA (Merbau)

**DURABILITY CLASS:** 2. It has 15- 40 years natural durability above ground.

**SUSTAINABILITY:** Kwila is not replanted as quickly as it is harvested. At current logging rates, it will be extinct by 2035 with 50 million trees logged for NZ since 1990.

**HOW IS IT HARVESTED?:** Swathes of logs are harvested destroying natural habits of both people and animals as opposed to selective logging.

**IS IT AN ENDANGERED SPECIES:** YES - It is listed on the IUCN red list as being vulnerable. There are also threats from illegal logging where there are known cases of timber with FSC stamps that contain these illegal logs. FSC does not track and monitor each unit of wood.

**DOES IT LEECH/ BLEED:** Kwila is prolific at leeching natural tannins from the wood. It is often recommended to leave the product to go through 3-4 wet dry cycles before installing.

**BOARD DENSISTY:** 850kg per m<sup>3</sup>

**FACE DEFECTS / FEATURE:** Kwila has a moderately coarse texture with a slightly interlocked grain which sometimes displays small yellow mineral deposits.