

ECS Level 3

Green Building Council Australia Responsible Product Value (RPV) = 7 RPV points



Criteria

To attain 7 RPV points ECS licensees must also satisfy ECS 1 and 2 criteria.

Manufacturing declaration

The aim of this criterion is to promote good environmental practice at the plant-level by requiring licensees to collect relevant data with a view to optimizing production processes and mitigating any consequential adverse environmental impacts.

Data collection

Licensees are required to gather data on material and energy usage and waste generation with a view to optimizing the production process to achieve better environmental outcomes at the plant level.

Process improvement to achieve better environmental outcomes

As part of this criterion, licensees are required to:

- monitor water consumption as a function of production and develop water conservation strategies, which may include recycling cooling water and other clean wastewater streams; rainwater harvesting and use and appropriate boiler management
- apply the hierarchy of waste management to all waste streams in all manufacturing processes:
 - avoid or reduce the waste
 - recover and reuse the waste
 - recycle the waste raw materials
 - recover energy in wastes
 - dispose of wastes safely.
 - ensure that no recyclable materials can be co-mingled with solid waste – paper and cardboard, drink cans, metals, or recyclable plastics. These materials will be collected for external recycling



- segregate and recycle soft fibre, face fibre yarn and other mono-compositional wastes.
- an environment management system in line with the requirements of ISO 14001 will facilitate regular environmental monitoring and reporting.

Licensees must seek to optimize materials sourcing and production processes in accordance with resource and materials efficiency measures that reduce negative environmental impacts from materials sourcing, use and disposal of environmentally certified textile floor coverings.

These measures may include, but are not limited to:

- use of recycled materials
- use of rapidly renewable materials
- reduction and and/or reuse of manufacturing waste
- dematerialization

The licensee shall provide a declaration of compliance with the criterion (Schedule 12 Guidance Manual) and supporting documentation.

Public disclosure of health impacts of material ingredients

The Health Product Declaration must include all materials and substances that are a part of the carpet concerned (or family of carpets) and provide their impact to human health and to the environment, even if the substances are not currently regulated. The declaration must screen all substances for toxic impact.

The declaration must be published to the rules and in a format as set out in the Open Standard for Health Product Declarations and be publicly available on the licensee's website.

The Health Product Declaration must include the declaration form as provided in Schedule 9b – Health Product Declaration (Guidance Manual).

¹ Health Product Declaration Collaborative www.hpd-collaborative.org