



GBCA Planting guide

Green Star – Interiors v1.1

Indoor plant requirements are found in the category – 12. Indoor Pollutants

12.3 INDOOR PLANTS

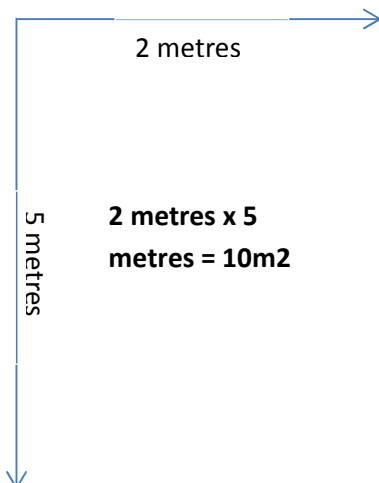
Two (2) points are awarded where project teams demonstrate that indoor plants are:

1. Distributed across the nominated area in accordance with **Plant Distribution 12.3.1**, and
2. They are regularly maintained in accordance with **Ongoing Plant Maintenance 12.3.2**

12.3.1 PLANT DISTRIBUTION

***Key – cm² = square centimetres, m² = square metres, m³ = cubic metres, mm = millimetres, cm = centimetres**

One or more plants, in pots with a soil surface area totalling at least **500cm² (500cm² = 0.05m²)** is required for every **10m²** of the nominated area. If a space is completely enclosed on all sides and smaller than **25m²** such as a meeting room, this space can be excluded. The use of plants in enclosed areas (**boardrooms etc.**) cannot contribute towards achieving the required number of plants in area neighbouring this space. Plants within an open plan space should be distributed throughout as far as possible.



How we work it out: 500cm² of soil surface for every 100'000cm² (10m²) = 0.5% of the 100'000cm² area

How does this work?

- Each plant diameter is measured in mm (140mm, 200mm, 250mm, 300mm, 420mm)

- Change the plant metric from mm into cm (14cm, 20cm, 25cm, 30cm)

Individual plant diameter size key:

- 1 x 140mm diameter plant = 14cm
- 1 x 200mm diameter plant = 20cm
- 1 x 250mm diameter plant = 25cm
- 1 x 300mm diameter plant = 30cm
- 1 x 420mm diameter plant = 42cm

Converting the diameter of the plant to cm² area:

- 1 x 14cm = 154cm²
- 1 x 20cm = 314cm²
- 1 x 25cm = 491cm²
- 1 x 30cm = 707cm²
- 1 x 42cm = 1385cm²

How many plants do I need to cover the required 500cm² area?

- 4 x 140mm = 616cm²
- 2 x 200mm = 628cm²
- 1 x 250mm = 491cm² (so you will need 2x 250mm to be compliant)
- 1 x 300mm = 707cm²
- 1 x 420mm = 1385cm²

Obviously, the above quantities may need to be mixed up due to different sized plant requirements. So you would just need to add accordingly to ensure you still meet the criteria.

12.3.2 ONGOING PLANT MAINTENANCE

An ongoing maintenance plan must be established to ensure plant health is maintained. A contract must be signed with a plant maintenance company to enact the plan for at least two (2) years. The contract must include the following:

- The location of fitout – Site address
- A schedule of plants within the fitout – Maintenance Contract or Install paperwork
- Service intervals – Service cycle/17vpa etc.
- Policy regarding the maintenance of soil moisture, pH and nutrients – Standard service + Quality Assurance
- Diseased plant replacement policy – Standard service + Quality Assurance
- Cleaning – Standard service

All the above is our usual, standard maintenance processes