

TREE GRATE SPECIFICATION CHEAT SHEET

DOES THE PRODUCT YOU ARE SPECIFYING MEET AUSTRALIAN STANDARDS?

- Australian standards AS3996:2019 load ratings and requirements - Covers & Grates
- Is the project area trafficable by ANY class of vehicle? (e.g. Malls)
 - if so, it must satisfy either CLASS B, C or D below, depending on application
- if it's "Pedestrian only", does it satisfy CLASS A, below?



urban+ Fountains + Furniture

LOAD CLASSIFICATIONS OF COVERS & GRATES



RATING

CLASS A

CLASS B

CLASS C

CLASS D

TYPICAL USE

Areas (including footways) accessible ONLY to pedestrians & pedal cyclists & closed to other traffic (extra light duty)

Areas (including footways & light tractor paths) accessible to vehicles (EXCLUDING commercial vehicles) or livestock (light duty)

Malls and areas open to slow moving commercial vehicles (medium duty)

Carriageways or roads & areas open to commercial vehicles (heavy duty)

NOMINAL WHEEL LOADING

330 kg

2670 kg

5000 kg

8000 kg

SERVICEABILITY DESIGN LOAD

6.7 kN

53 kN

100 kN

140 kN

ULTIMATE LIMIT STATE DESIGN LOAD

10 kN

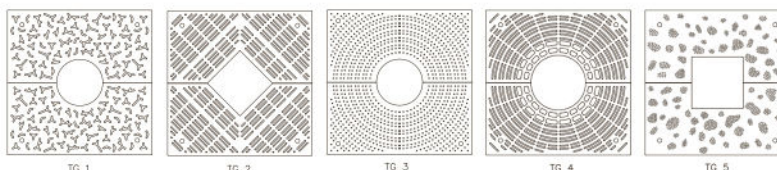
80 kN

150 kN

210 kN

Standard and custom sizes | Suitable for new or existing trees | Laser cut steel plate | Solid welded construction | Optional anti-slip finish

URBAN+ PRODUCT SPECIFICATION OPTIONS



- Ensure your grates comply
- Damaged & crushed grates are not only unsightly, they represent a trip hazard & potential litigation
- It is not cost effective to specify cheap alternatives that do not comply and won't last



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