

Soil Type and Approximate Load-Bearing Capacity

The following information taken from the ACPA:

- The formula for determining the load imposed on the soil is to divide the total outrigger force (pounds) by the area of soil contact (square inches).
- Soil pressure = total outrigger force / by area of soil contact.

Soil Type and Approximate Load-Bearing Capacity Chart:

Virgin ground	22 PSI
Asphalt	29 PSI
Compressed, crushed stone	36 PSI
Clay/silt soil, firm	43 PSI
Mixed granular soil	51 PSI
Firm, compacted gravel	58 PSI
Brittle, weather rock	145 PSI