

TechPlas SoleBoard

TechPlas SoleBoards are a PVC alternative to hardwood and LVL sole boards used to base out the scaffold where there is uneven ground or soft surfaces.

SoleBoards are made from an engineered, rigid PVC and regularly tested for compressive strength. TechPlas SoleBoards are manufactured using UV resistance additives which makes them suitable for use outdoors.

As per AS.NZS 1576:2019 “Where soleplates are used, they shall be designed to have sufficient strength and rigidity to distribute the load of the supporting structure.”

Technical Data

- **Strength – Loading and Failure**
 - Average compression of gripped surface failure: **34.65kN load**
 - Average failure internal structure: **36.5kN load**
 - EI: 2.65×10^9
- **Friction coefficient**
 - AS 4586:2013 Slip Coefficient
 - Mean Slip Resistance Value = 65
 - >P5 Pedestrian (SV6)
 - AS.NZS 1577:2018
 - Appendix D – Required $\mu=0.7$, Achieved $\mu=1.08$
 - Appendix C Transverse – Required 250N, Achieved 261N
 - Appendix C Length – Required 250N, Achieved 290N
 - Recommendation : Evaluate individual site-requirements for use on grid-mesh
- **Weight & Length**
 - 2.3kg/unit
 - 500mmm \pm 5mm

Standard Use

- 3.5T max load limit over 100mmx100mm jack or larger
- To be used as per AS.NZS1577:2018 and AS.NZS1576.2019
- External structure evaluated at end of use and physically damaged goods retired from use
- Do not throw, cut or modify SoleBoard products
- If contaminated can be cleaned with standard pressure washer
- Rotate surface of use to ensure even wear of SoleBoard

Warranty

Based on strength and QUV testing TechPlas can provide a 5-year limited manufacturer’s warranty on SoleBoards and estimate that when used in accordance with the installation instructions outlined above; the product will perform well beyond this period.