

Playground Surface Fall Height Testing

Your playground surface is the "Catchers Mit" of the playground, especially as statistics show that falls to playground surfaces are around 70% of all serious accidents in playgrounds, therefore it is imperative that your surface will perform properly in the event of a serious fall.

Ensure your play surface meets the requirements of head, neck and back injury!

Playsafe's Certified Surface Impact Test provides assurance that your playground surface is safe and that it meets the requirements of the NZS5828:2015 + EN1177 safety standard. This includes a comprehensive inspection of your play area by a certified RPII Inspector and ensures that non-compliance to Head Impact Criterion is identified well before failure and injury.

All surfaces suffer degradation over time, causing potential non-compliance of impact attenuation. A surface impact test will highlight any of these issues.

A comprehensive electronic inspection report using the HIC Surface Impact Tester, to check/verify that your playground's surface meets compliance of the potential fall heights of the existing play equipment.

Play Surface Impact Test Includes:

- Drop Test using the HIC Surface Impact Tester
- Determination of Critical Fall height from each activity
- Drop test results corresponding to activity fall heights
- Severity of the impact measured per drop in terms of the Head Injury Criteria (HIC).
- A drop curve graph is then produced from all selected heights/drops obtained, the curve is then interpolated to calculate the Critical Fall Height (CFH).
- Digital report document.

Our inspectors are independent, certified, police vetted and carry professional indemnity insurance for playground professional services.

