



YOUR PLAY SURFACE MAY LOOK SOFT – BUT IS IT STILL SAFE?



Protecting Little Explorers, Minimising Risk

Every year, falls from playground equipment are one of the leading causes of injuries in play areas. Soft surfaces that don't perform as expected can leave children at risk—even when adults think they're safe.

Ensure Your ECE Play Safe with a Certified Surface Impact Test

What is a Surface Impact Test?

A Surface Impact Test measures how well your playground surface absorbs impact from a fall, helping ensure it provides effective protection for children at play. Using a specialised Head Injury Criteria (HIC) impact tester, we simulate realistic fall scenarios and analyse how your surfacing performs against recognised safety benchmarks of NZS5828, EN1176 and EN1176.

- ▶ Measures impact-absorbing performance of your surface
- ▶ Compares against critical safety standards (NZS 5828 & EN1177)
- ▶ Determines your **Critical Fall Height (CFH)** – the maximum height a child can fall without a high risk of serious head injury
- ▶ Professional, non-destructive testing completed on-site with minimal disruption to your service



You'll receive a **detailed digital report** with:

- ▶ Pass/Fail outcome against safety standards
- ▶ Photo documentation and measured data
- ▶ Drop curve graphs
- ▶ Maintenance and compliance notes for improvement



Keep Your ECE Play Safe
with a **Certified Surface
Impact Test**

Why ECE Centres Need This Test

- **Ensure child safety** — Meets NZS 5828 standards for impact protection under playground equipment.
- **Meet your duty of care** — Demonstrate proactive safety management to parents, staff, and auditors.
- **Maintenance assurance** — Surfaces degrade with use, weather, and UV exposure. Regular testing ensures ongoing protection.
- **Compliance confidence** — Aligns with Ministry of Education and licensing expectations for play area safety and compliance.

What Surface Types Can Be Tested?

We test all common and custom playground surfaces, including:

- ▶ Wetpour rubber
- ▶ Synthetic turf with or without infill
- ▶ Play tiles (e.g., Play Matta®, Numat)
- ▶ Grass Retention Tile systems
- ▶ Pour-n-Play systems

Fast, Efficient & Child Friendly

- ▶ In-situ and non-destructive on-site testing
- ▶ Minimal disruption to the centre during test
- ▶ Clear guidance if remediation is needed
- ▶ Compliant to NZS5828 and MOE requirements

Why choose Playsafe

- ▶ Fully independent and impartial service
- ▶ Certified and calibrated equipment
- ▶ Confidential and Professional accredited provider
- ▶ International standards committee member
- ▶ Compliance partner to Ministry of Education and ERO
- ▶ Nationwide Service



Play surfaces like Artificial turf, rubber tiles, and wetpour degrade over time, which can result in impact performance loss.

Recommended two-yearly testing confirms ongoing HIC/CFH compliance.

Ensure your ECE playground is safe, compliant, and ready for active play

Book Your Surface Impact Test – Talk to us today!