

Synthetic Turf Safe fall is an affordable quality safety surfacing system designed for play areas and under playground equipment. The rubber wet pour impact layer under the synthetic grass is used to eliminate the risk of turf becoming unsupported due to shrinkage that often occurs in foam systems.

- DESIGNED FOR USE IN PLAYGROUNDS
- COMPLIES WITH CRITICAL FALL HEIGHT REQUIREMENTS
- STANDARD COLOUR GREEN - OPTIONAL COLOURS AVAILABLE
- MEETS AUSTRALIAN STANDARDS AS/NZS 4422 - 96
- VISUALLY ATTRACTIVE
- SELF DRAINING
- SINGLE CONTINUOUS SURFACE
- FIVE SYSTEMS TO PROVIDE THE MOST COST EFFECTIVE CHOICE
- NON SLIP, NON TOXIC
- REDUCES THE RISK FOR CONCEALING DANGEROUS ITEMS SUCH AS
  - BROKEN GLASS
  - HYPODERMIC NEEDLES
  - ANIMAL FOULING



### Synthetic Grass Systems Turf Only

SF 1 - 1.2m Fall Height

SF 2 - 1.6m Fall Height

SF 3 - 1.8m Fall Height

SF 4 - 2.2m Fall Height

SF 5 - 2.5m Fall Height



High Wear Resistant  
Rubber Scrape Coat  
area available under  
swing paths

*“Another Quality Australian Made Product supplied by Parkequip”*

# Technical Specifications

## SYNTHETIC GRASS SAFE FALL SYSTEM

The safe fall system by Parkequip has been designed specifically to provide a high wear surface with soft impact absorption.

The **Rubber Wet Pour** impact layer has been tested and certified with the test procedures on the system exceeding the testing criteria specified in Australian Standards AS/NZS4422-1996. The safe fall system has been tested to have critical fall heights ranging from 1.2m to 2.5m.

SF 1	Fall Height	1.2m (20mm cushion)
SF 2	Fall Height	1.6m (35mm cushion)
SF 3	Fall Height	1.8m (40mm cushion)
SF 4	Fall Height	2.2m (60mm cushion)
SF 5	Fall Height	2.5m (70mm cushion)

The system comprises of a Rubber Wet Pour layer which is mixed on site and trowelled over cement surface or compacted and levelled crusher dust base to depth as specified above. The Synthetic Turf, specifically designed for our Safe Fall System is then laid over the surface. The systems provide a soft surface which is long wearing. The safe fall safety surfaces will not shrink or suffer from mechanical breakdown experienced with some other materials.

## DESIGN AND CONSTRUCTION

**SAFE FALL SYSTEMS 1-5-** Critical Fall Heights 1.2 metres to 2.5 metres.

1. The Recycled Ground Rubber Crumb is bound together with a polyurethane binder and trowelled over a compacted and stabilised crusher dust base.
2. The Safe fall Synthetic Turf is laid over the Rubber Wet Pour
3. Sand is swept into the pile to a depth of 19mm.

## MATERIALS SPECIFICATION

### Polypropylene Tufted Synthetic Turf

Denier	11000
Yarn weight per square metre	850gms
Pile Height	19mm
Stitch rate per metre	150
Primary Backing - Polypropylene woven Heat Sat UV Stabilised	
Weight per square metre	124gms

## SCRAPECOAT

For High impact areas ie swing path & end of slide, we recommend the installation of a "Scrapecoat" surface application.

## WARRANTY

The Soft Fall System comes with a 2 year guarantee on workmanship, a 7 year guarantee on the performance of the System and against ultra violet degradation of the synthetic turf and a 15 year guarantee on the life of the base preparation. We recommend our 12 monthly inspection program to demonstrate your "Duty of Care" and commitment to providing a safe facility.

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