


RUBBER MULCH SUPERIOR SURFACING

BASE BUILD UP SPECIFICATIONS



Follow links below for appropriate specification advice

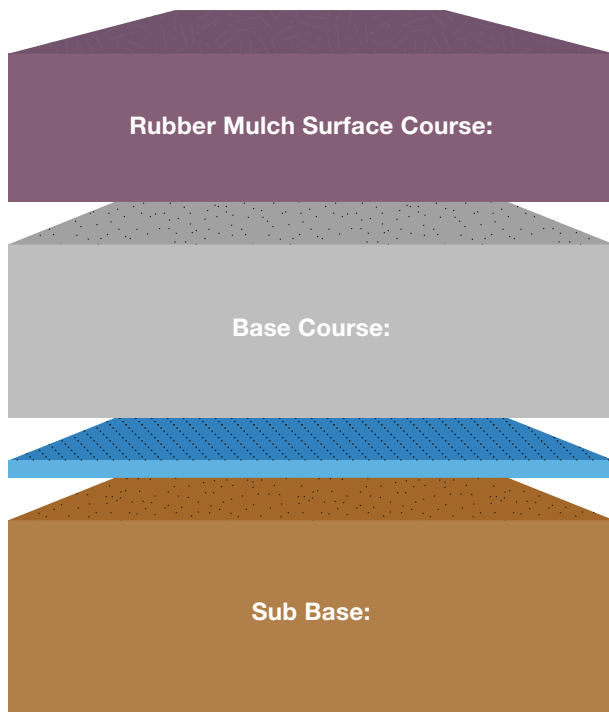
[Rubber Mulch Base Build Up](#)

[Critical Fall Height \(CFH\)](#)

RUBBER MULCH SURFACING

BASE BUILD UP SPECIFICATION

Typical Base Build Up



DekorGrip Rubber Mulch surface dressing hand applied at a minimum depth of 40mm and troweled to desired finish.

Depth depends on Critical Fall Height requirements (CFH)

Geo-textile membrane

Well compacted layer built up with soil, concrete, tarmac, type1 and such like

- ◆ Simple 1 part resin mixed with rubber mulch in a forced action pan mixer supplied by DekorGrip
- ◆ To keep trowel clean and free from clogging up, use Tarbusta Cleaner during application.
- ◆ For best results and an even more superb finish, use a resin roller - also available from DekorGrip.

The details given in this specification are intended only as a guide in specifying DekorGrip products, actual details should be developed by the project designers taking into account the specific circumstances of the intended application. DekorGrip assumes no responsibility for improper reliance upon or misuse of the data herein. Product design and specification are subject to change without further notice.

RUBBER MULCH SURFACING

CRITICAL FALL HEIGHT (C.F.H)

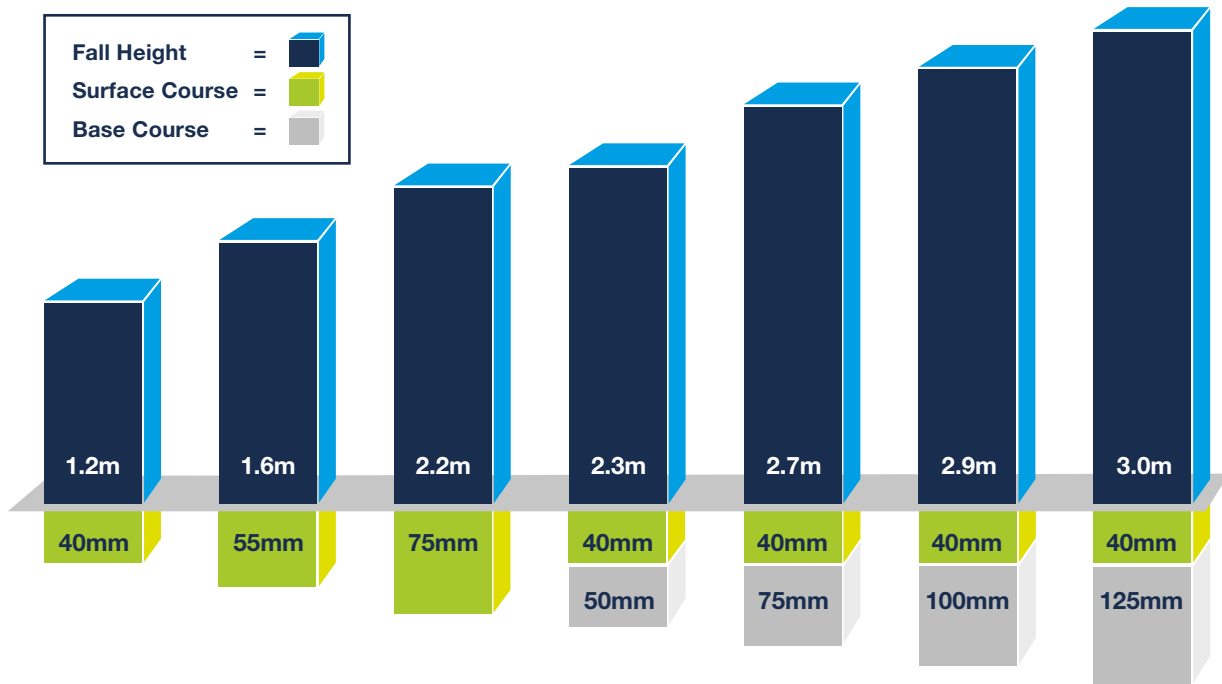


These Systems can be laid on a variety of Sub-bases that may result in a higher CFH than indicated. However, to allow for consolidation of dynamic materials the results on concrete should be used when deciding on which is the right system for your equipment.

Specifying The Correct Surface And Thickness

Playground operators must choose a surface with a Critical Fall Height rating that matches or exceeds the maximum possible 'free height of fall' from their play equipment. A separate Standard, EN 1177:2008, defines the Critical Fall Height tests. An instrumented 'headform' representing a child's head is dropped from various heights onto the test specimen, and its deceleration monitored. The greatest height of fall that keeps maximum deceleration below the permitted level gives the Critical Fall Height rating for the surface product.

If you require any alternative heights from the ones displayed below, please contact our sales office.



Definitions:

BS EN 1177:2008:

BS7188: 1998:

Free Fall Height:

Type of Use:

Impact Area:

Critical Fall Height:

Head Injury Criterion:

Terms used within British/European Standards

Impact absorbing playground surfacing – Safety requirements and test methods

Impact absorbing playground surfacing – Performance requirements and test methods.

The greatest vertical distance from the clearly intended body support to the impact area below.

Standing (from foot to surface). Sitting (from seat to surface). Hanging (from hand support to surface)

The area that can be hit by the falling user

The upper limit of Free Fall Heights for which surfacing provides an acceptable level of impact attenuation

The criterion for head injuries caused by falls, as calculator in accordance with the formula given in BS EN 1177

ALL BASE DETAILS ARE INTENDED AS A GUIDE ONLY AND DO NOT CONSTITUTE A SPECIFICATION