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# **RUBBER CRUMB SUPERIOR SURFACING**

## **BASE BUILD UP SPECIFICATIONS**

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Follow links below for appropriate specification advice

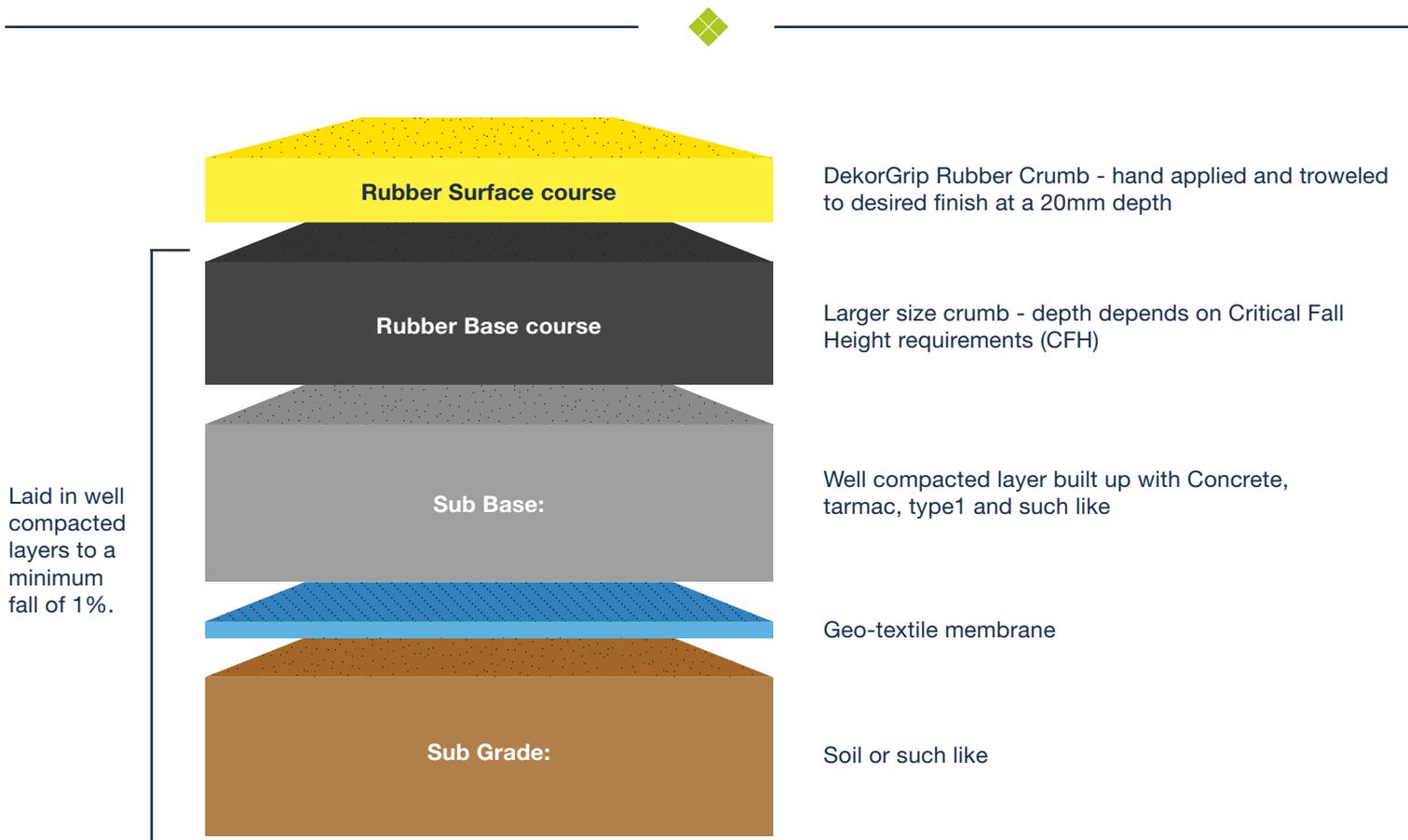
[\*\*Rubber Crumb Base Build Up\*\*](#)

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

# RUBBER CRUMB SURFACING

## BASE BUILD UP SPECIFICATION

### Typical Base Build Up



- ◆ Simple 1 part resin mixed with rubber crumb 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 rollers 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.

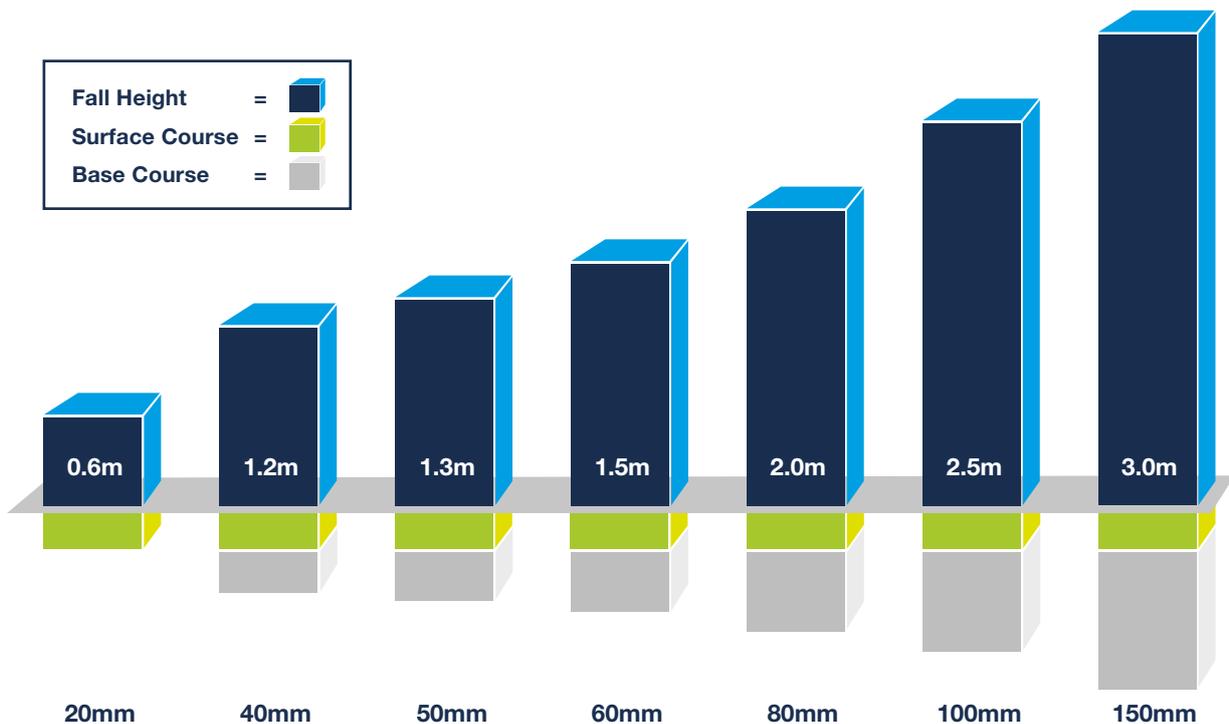
# RUBBER CRUMB SURFACING

## CRITICAL FALL HEIGHT (C.F.H)

### 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. Under low play equipment with free height falls of under 600mm, the surface is only required to have 'some impact-attenuating properties'. We recommend 20mm thickness in this case and for general run-about areas. The top of the impact-attenuating surface should be at the level of the base level mark on the playground equipment.



#### 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**