



Bouncy Bond Installation Guide

Before you start:

Please ask for the Material Safety Data Sheet to ensure safe use of the products.

Before attempting to install Bouncy Bond, it is extremely important the weather conditions are at an optimum.

As a guide:

Temperature:	15-30° Celsius
Humidity:	40-75%
Sub base temperature:	3° Celsius higher than the dew point
Rainfall:	Ensure rain is not forecast within 6 hours of application.

Other considerations:

Please ensure the area is free draining otherwise this can create problems with the surface.

The sub-base utilised should be dry, load bearing, free of loose particles and substances which impair adhesion such as grease, oil, paint or other contaminants.

Typically, compacted MOT type 1 or MOT Type 3 (100mm after compaction) is used as a suitable load bearing sub-base.

For concrete bases, or for overlaying other rubber surfaces our priming agent should be used.

The residual moisture of the sub-base should not exceed 4% (75% relative humidity).

Tools Required:

- Forced action mixer
- Lined wheelbarrow
- Trowel
- Depth gauge
- Playbark.com Smoothing/trowelling agent
- Playbark.com Priming agent
- Measuring bucket
- Gauntlet Gloves
- 3m x 3m Ground sheet

Forced action mixer:

Please note, we do not advise using a concrete mixer as this will not provide a homogenous mix and may result in areas of weakness within the surface integrity or possibly 'resin-rich' areas resulting in frothing and excess yellowing.

Application depths for Bouncy Bond:

Critical Fall Height –Tested on Concrete, results achieved when tested in accordance with BSEN1177:

Depth of Rubber: Fall Height Determined:

40mm: 1.7m

50mm: 1.9m

75mm: 2.7m

Bouncy Bond Hybrid system: 20mm SBR Rubber base + 20mm Bouncy Bond rubber.

40mm: 1.37m

Site Preparation:

Ensure the area is free draining as this will ensure the optimum performance of the finished surface.

If the area is prone to collecting water ensure this is rectified, please consult a professional is advice is required. Please feel free to contact our sales office for further information 01538 755422.

Sub-base requirements:

As sub base of MOT Type 1 or Type 3 should be adopted and this should be installed at a minimum compacted depth of 100mm (after compaction).

A sub-base consisting of tarmac, concrete or paving can be used as long as the area is free draining and the surface is in good order and credible integrity.

Geotextile Membrane:

It is good practice to ensure a geotextile membrane is installed prior to the installation of the sub-base as above.

Priming Agent:

Apply the Priming Agent available from Playbark.com to all exposed edges and areas. If applying the Bouncy Bond onto tarmac, concrete or paving, ensure the primer is applied to this as well at an applicate rate of 0.2kgs per sqm.

Mixing the components:

The PU binder is mixed with the rubber at 20% by weight, so for every 20kgs of rubber add 4kgs of PU Binder.

Please note: Due to the viscosity of the binder it does take quite some time for all of the contents of the bucket to be emptied into the mixer, please account for this accordingly.

Also, it is a good idea to clearly mark the required quantity on the side of the bucket, as this can be hard to see once the binder has covered the inside, strong gaffer tape is ideal for this!

Mix the rubber and PU binder for 4-5 minutes ensuring it is thoroughly mixed.

Carefully empty the contents of the mixer into lined wheelbarrow.

Applying the Bouncy Bond Rubber once mixed:

Tip out the contents of the wheelbarrow and either use a rake or your hands to shape the Bouncy Bond rubber using the depth gauge (40mm, 50mm or 75mm) to ensure the correct depth is adopted; use your trowel and the Smoothing/Trowelling agent to level the Bouncy Bond rubber to a more accurate depth.

Use a weighted roller to compact the Bouncy Bond rubber surface accordingly.

Special attention must be paid to the construction joints, which must be carefully reworked using the trowel and Smoothing/Trowelling agent.

The 'mixed product' needs to be applied within 15-20 minutes of being mixed as the product will become unworkable.

Cured joints must be primed with Priming Agent.

Allow the finished Bouncy Bond surface 48 hours to fully cure before allowing any foot traffic.

Product pack sizes and storage:

The Bouncy Bond rubber is supplied in 10kg bags.

The PU Binder is supplied in 25kg drums and 220kg drums.

Store in original packaging, under dry conditions at a temperature of 5-25 degrees Celsius.