

SECTION Q26 BOUNCETEX SURFACE



Manufacturer: OnePoint Resin. Unit 3 Townsend, Kings Hill Business Park, Kings Hill, Kent ME194HE

www.onepointresin.co.uk
INFO@onepointresin.co.uk
01732 387178

Specification
Aggregate Size:
Colour:

BOUNCETEX is a flexible resin system made up of polyurethane resins and different sizes of recycled rubber granules. The surfaces can be used anywhere that a softer surface is required in the event of a fall. Typical uses include residential care homes, play areas, holiday parks, swimming pool surrounds and patios.

BOUNCETEX can be applied to any structurally sound substrate with a minimum installation depth of 20mm where there is no requirement to meet Free Fall Height or Critical fall heights to be achieved.

Specification Considerations.

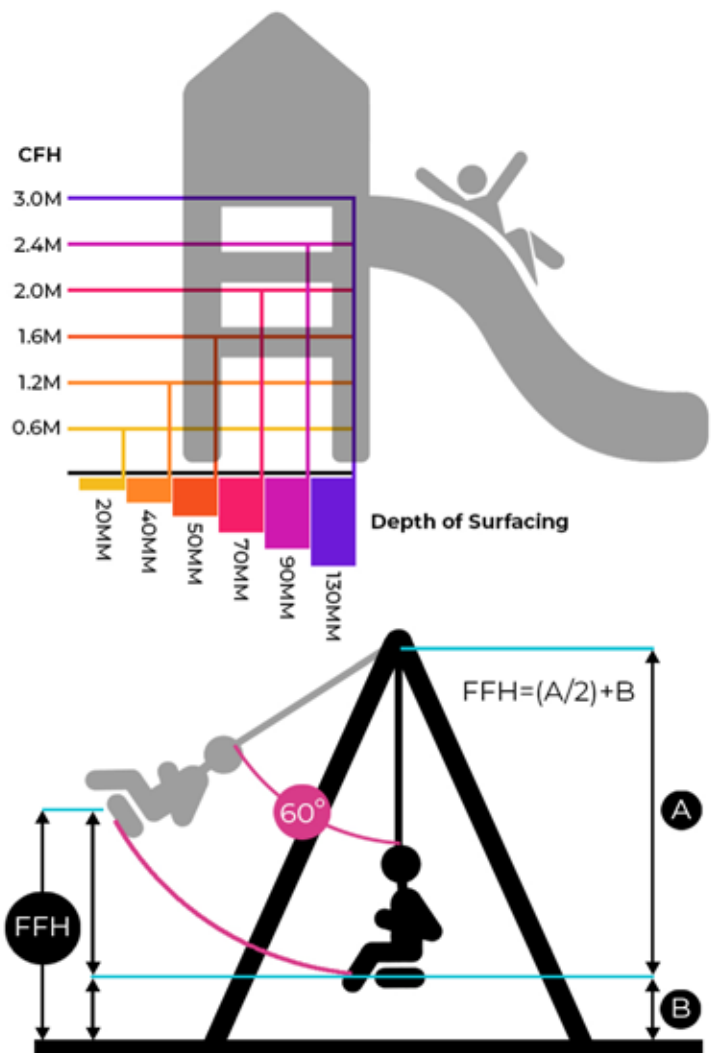
When building a BOUNCETEX surface the following considerations and legal requirements should be decided before designing the specification.

- Surface use.
- Safety requirements.
- FFH - Free Fall Height if being used for play equipment.
- CFH - Critical Fall Height for play equipment.

The FFH is calculated from the highest point on the equipment which is intended for play - usually the platform height. For equipment from which a child hangs, the height of the hand support is used.

The table below shows the surface depth based upon the FFH for play equipment.

The FFH for swings is calculated from the centre of the stationary seat surface at 60 degrees. To work this out divide the length of the chain by 2 then add the distance from the seat to the ground.



Critical Fall Height (CFH)	0.6M	0.9M	1.2M	1.5M	1.8M	2.0M	2.2M	2.4M	2.7M	3.5M
Thickness	20MM	30MM	40MM	50MM	60MM	70MM	80MM	90MM	100MM	130MM



SECTION Q26 BOUNCETEX SURFACE



Manufacturer: OnePoint Resin. Unit 3 Townsend, Kings Hill Business Park, Kings Hill, Kent ME194HE

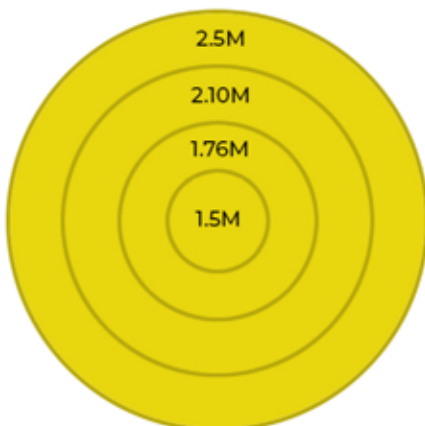
www.onepointresin.co.uk
INFO@onepointresin.co.uk
01732 387178

Specification
Aggregate Size:
Colour:

In addition to the depth adjustment the area surrounding the play equipment should have a minimum equipment surround area based upon the table below.

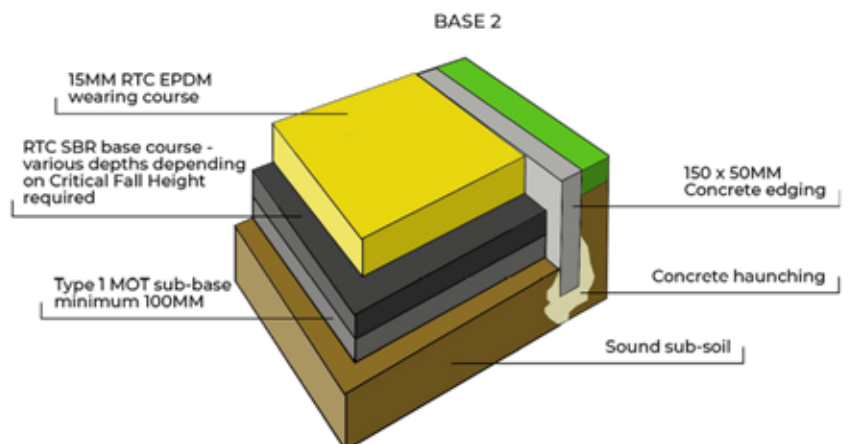
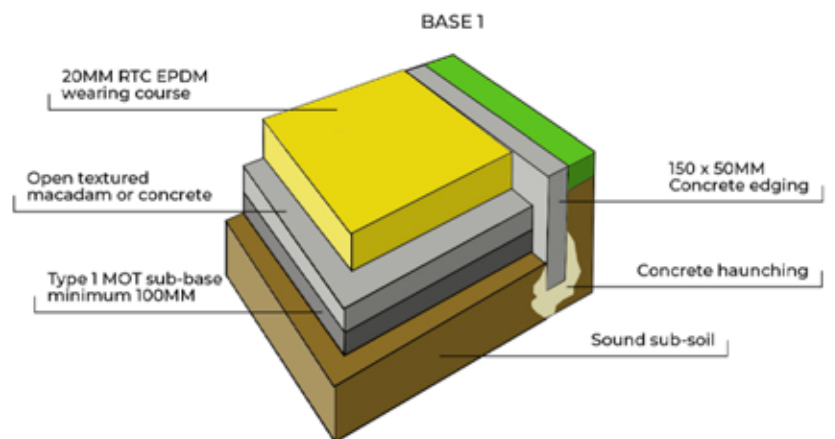
Height of Fall (M)	Surface Distance (M)
1.5	1.50
1.6	1.56
1.7	1.63
1.8	1.70
1.9	1.76
2.0	1.83
2.1	1.90
2.2	1.96
2.3	2.03
2.4	2.10
2.5	2.16
2.6	2.23
2.7	2.30
2.8	2.37
2.9	2.43
3.0	2.50

Surface Distance (M)



SUB-BASES

The construction of the sub-base will vary based upon the project requirements. Below are two typical sub-bases. Base 1 is for an application over an existing surface. Base 2 is a new build.



SECTION Q26 BOUNCETEX SURFACE



Manufacturer: OnePoint Resin, Unit 3 Townsend, Kings Hill Business Park, Kings Hill, Kent ME194HE

www.onepointresin.co.uk
INFO@onepointresin.co.uk
01732 387178

Specification
Aggregate Size:
Colour:

COLOUR CHART



DISCLAIMER

Any advice, recommendation or information given by RBSG Materials Ltd is based on practical experience and is believed to be accurate at the time of publication. No liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company, its Servants or Agents. The figures quoted do not constitute a specification, they represent typical values obtained for this product.



OnePoint Resin, Unit 7 Brook House, Larkfield Trading Estate,
New Hythe Lane, Larkfield, Kent ME20 6SW