



‘D’ OUTDOOR SPORTS FLOORING INSTALLATION GUIDLINES

NOTE

The customer or main contractor should always be made aware of the duration of the installation and limitations involved with sports surfacing. No other trades are to be allowed in or around the work area 24 hours before installation and 7 x full days afterwards.

Only Rephouse specified materials are to be used. Any and all chemicals, whether adhesive or top coatings should be kept from frost, rain or excessive heat. Any chemicals, adhesive or top coatings that have been exposed to these elements voids any warranty.

Installation Procedure

NOTE

Make sure the sub-surface on which Decoflex™ will be installed is completely dry and clear of all foreign matter and free of dust, dirt, oil or any kind of spills. Make sure all sub-surface requirements have been complied with.

NOTE

The sub-grade and sub-surface shall be constructed to a qualified Engineer's specification however, no significant settlement should occur of either as a result from its own weight or removal of soil.

NOTE

The sub-surface shall be constructed out of asphalt or concrete in accordance to the enclosed DIN 18035, Part 6 specifications

The sub-surface shall be constructed out of a suitable road-asphalt and crusher run, using the bitumen type specified in the DIN 18035, Part 6 specifications or in concrete according to a qualified Engineer's specification. Road asphalt shall be left to cure for a minimum of 14 days after completion and concrete for a minimum of 28 days.

The finished sub-surface shall be smooth and trimmed and have no compaction or trowel ridges and shall not vary from the required levels by more than 4mm measured under a 4m straight edge, measured in any direction. Any resultant ponding of water after flooding, the sub-surface shall be corrected until no pond is deeper than 1mm.

The sub-surface should be constructed with a designed slope $\leq 1\%$. Please consult the technical requirements involved for the construction of the relevant sports facility proposed.

NOTE

Remove all post holes, covers and lids and make an accurate sketch of their location for their future return.

The Decoflex™ surfacing system is installed and built up in successive layers. In the case of an "S" System, the build up consist of the application of just a single coloured EPDM top layer. In the case of a "D" System, a black base mat will be adhered to the sub-surface first followed by a coloured EPDM top layer which is adhered to the black base mat.

NOTE

Smoking is prohibited due to the flammability of the goods.

Procedure

1/ Establish the position of the predominant games post sleeves. Snap a chalk line between them using the centre position of each sleeve. This chalk line will be referred to as the Master Line.

2/ Next, using the 3:4:5 triangle rule, establish a chalk line that runs perpendicular to the Master Line. This perpendicular line is called the Second Master Line.

3/ Measure out equal intervals along the Second Master Line. The width of such intervals to be equal to the width of the Decoflex™ roll materials supplied. Mark out chalk lines running parallel to the Second Master Line. These parallel chalk lines should be used to establish the width of the adhesive bed of the Decoflex™ Surfacing System. Roll out one rolls of Decoflex™ material exactly along the Second Master Lines (without applying adhesive) making sure the edge of the roll follows the chalk line accurately. This is the Master Roll and all subsequent rolls are matched to it.

4/ Apply adhesive (see Adhesive Application Instructions) equal to one half of the width of the Decoflex™ roll laid along the Second Master Line.

5/ Unroll a second roll of Decoflex™ making sure its edge exactly follows the Second Master Line and the seam is snug against the Master Roll.

6/ Fold back the second roll of Decoflex™ along its length to expose the previously applied adhesive underneath

7/ Position the next roll of Decoflex™ into place at the head of the next lane to proceed

8/ Apply adhesive approximately one width of the Decoflex™ roll and proceed to unroll the next roll making sure the seam is snug against the adjacent roll.

9/ Follow steps (6) to (8) above until you have installed enough rolls half way across the sports area. At this time you can go back to the Master Roll and adhere the unbonded half to the sub-surface as well.

10/ The remainder of the Decoflex™ installation can be continually laid this way with the exception of the last roll installed on any working day. This rolls should be adhered down to the sub-surface only to its mid-point of the length of the roll. This will allow you to restart the adhesive bonding the next day from an easy transition point.

NOTE

Be careful not to stretch the roll material as you install as this may cause bubbles at a later stage.

NOTE

It is necessary to place weights on top and along the seams of the Decoflex™ rolls when the adhesive is still wet

NOTE

It is necessary to roll the Decoflex™ surface with a ± 45 kg roller before the adhesive fully bonds to prevent bubbles.

NOTE

After the Decoflex™ base mat layer has been installed check for any loose spots or bubbles. If you find any, cut the loose spot carefully along its

length and inject the needed amount of adhesive into the spot. Then lay a weight on top of the spot until the adhesive has set.

11/ Proceed to lay the Decoflex™ EPDM top layer roll mats exactly as outlined in (1) to (10) above.

Decoflex™ 2-Component Line Marking

NOTE

The architect or owner of the facility must determine the line widths and colours of the games lines to be painted. Each court to be lined should be set out with chalk lines first. The measurements must be taken by those provided by the architect or owner. Each court to be lined should be checked for squareness measuring across the diagonal. Circles and semi-circles should be lined using a compass comprising of a nail, a hard chalk pencil and a wire or string that will not stretch under tension. All chalk lines should be to the outside of the to be painted games lines. There should be a dominant game determined for the playing field. The dominant court lines will be solid and unbroken.

1/ Clean the Decoflex™ surface of all debris

2/ Tape off only one game at a time on both sides of the line.

3/ Mix the Decoflex™ 2-Component Line Marking paint according to the given instructions (see separate sheet)

4/ Paint the line with a small roller or sprayer making sure you do not contaminate other areas

NOTE

Before starting painting the next colour of the line paint, the previous colour must be dry to the touch.

NOTE

Before starting painting the next colour of the line paint, any intersections will have to be masked off using 50mm spacings to break the line

5/ Paint the next set of games lines and continue following the steps above until all courts are painted

NOTE

No one is to walk on the surface for 48 hours after the completion of the last painted line or until such

time the architect or owner have accepted the installation as complete and their entire satisfaction.

Smoking is prohibited due to the flammability of the coating

Permanent Line Marking

NOTE

The architect or owner of the facility must determine the line width and colours of the games lines to be installed. Each court to be lined should be set with chalk lines first. The measurements must be taken by those provided by the architect or owner. Each court should be checked for squareness measuring across the diagonal. Circles and semi-circles should be lined using a compass comprising of a nail, a hard chalk pencil and wire or string that will not stretch under tension. All chalk lines should be to the outside of the games lines to be installed. There should be a dominant game determined for the playing field. The dominant court lines will be solid and unbroken.

NOTE

In the case of a Permanent Lining installation, the manufacturer will supply, as part and parcel of the overall surface, separate prefabricated coloured EPDM lines to the width and length as specified and to the equal thickness of the top EPDM layer. The EPDM lines are manufactured to the same quality and specification standards as the finished Decoflex™ EPDM top surface.

The lining installation will be done in two (2) stages:-

Stage I - directly on to the Sub-Surface if installing a type “S” System or after installing the black base mat for a type “D” System. For the sake of this outline, we will refer to the type “D” System.

1/ Clean the Decoflex™ black rubber base mat surface of all debris.

2/ Tape off only one game at a time on both sides of the line. This can either be done manually or by way of a handheld tape machine dispenser. Use only masking tape and make sure tape is well bonded. If necessary, mark the outside and inside lines at strategic location such as corners and centres for future reference.

Stage II - when all the games lines have been taped, the EPDM top layer will be installed first.

3/ Install the Decoflex™ EPDM top layer as outlined in the “Decoflex™ Installation” data sheet. The adhesive is applied directly over the taped games lines and the EPDM top layer bonded to the masking tape and black base mat.

4/ Using a chalk line, retrace the same games lines as set out under Section 2 above marking both the inside and outside of the lines. Use the the strategic markers as mentioned in section 2 above for careful reference.

5/ Using a straight edge for straight lines, and a compass comprising of a nail, a wire or string that will not stretch under tension for circles and semi-circles and a blade knife, carefully cut along both sides of the games lines. Then carefully remove the top layer, ensuring the masking tape bonded to it underneath lifts off the black base mat.

6/ Using a roller or brush, apply adhesive to the underside of the supplied coloured prefabricated games lines as supplied by the manufacturer and insert these into the exposed games line. Ensure the games line fit snugly and lines are regularly rolled using the hand held roller.

7/ Logos, names and other designs can be produced similarly using free hand and stencils.

NOTE

Before starting to install the next colour games line, the previous coloured games line must be completed.

Before starting to install the next colour games line, any intersections will have to be started and stopped using 50mm spacings to break the lines.

No one is to walk on the surface for 48 hours after the completion of the last painted line or until such time the architect or owner have accepted the installation as complete and their entire satisfaction.

Smoking is prohibited due to the flammability of the adhesive

