

## METHOD STATEMENT INSTALLATION OF SYNTHETIC GRASS

The synthetic grass is delivered to site by lorry and unloaded either by a carpet boom or off loader supplied with the delivery vehicle or by forklift and placed on the area to be installed.

Each roll is numbered according to the layout plan provided by the manufacturer and is placed on the pitch area in the correct position.

Each individual is unwrapped rolled out positioned correctly and trimmed to size using knife or disc cutter.

Each edge of every roll of synthetic grass is trimmed using a carpet cutting bladed knife to form a seam that can be jointed.

Two trimmed seams that form a joint are folded back and backing tape is placed equidistant between each edge of the synthetic grass through a glue trough applicator.

Two part adhesive is mixed with an electrically power mixing paddle and poured into the glue trough covering the backing tape. One end of the backing tape is anchored at the start of the new joint and the glue trough is pulled away so that the backing tape is coated with an even application of adhesive as it leaves the adhesive trough.

Both edges of the synthetic grass are folded back onto the wet adhesive and positioned to form the joint. Weight is applied to the new joint either by rolling with a carpet roller or by treading. The treading or rolling is repeated periodically the timing of which is dependent on the climatic conditions. This is continued until the adhesive has "grabbed" and the bond between adhesive and synthetic grass is achieved. This operation is continued until all the rolls of synthetic grass have been installed.

If inlaid line markings are to be installed a specialised line marking cutter is used to cut through the synthetic grass to the required width. To form the new line, a different coloured section of synthetic grass is installed to the exposed area using the same method that is used to joint the synthetic grass joints.

If sand infill is to be applied the sand is delivered to site loose or in 1Tonne tote bags. The sand is tipped or off loaded with a forklift adjacent to the working area and loaded into a top dressing machine with a bobcat skid steer machine. In the case of bagged sand the bags are lifted above the top dressing machine and cut open allowing the sand to flow into the top dresser hopper.

The loaded hopper is manoeuvred into position over the synthetic grass and driven along the playing area with the sand infill pushed out of the front of the top dresser. The rate of flow of the sand is dependent on the rate of infill. This operation is repeated until all the sand infill has been applied to the correct infill requirements.

If rubber particles are to be applied over the sand infill the same operation is adopted used for the application of the sand infill.

Once all infill material has been applied the surface is brushed with static or oscillating drag brushes attached to the top dressing machine or towed behind a tractor unit. The brushing operation is repeated until the infill material has reached the optimum level.

On completion of the installation all debris and waste material is removed from site and the synthetic grass surfacing grass is checked for integrity and any foreign objects that may have got onto the area during the installation process.

