

# ✓ VERDE ARTIFICIAL GRASS INSTALLATION ✓

## **CONTRACT QUALITY ARTIFICIAL GRASS FOR ALL INDOOR & OUTDOOR DOMESTIC, COMMERCIAL & LANDSCAPING APPLICATIONS**

- All Verde surfaces are designed for maximum resistance to fading, staining and UV degrading
- All were developed originally as high performance sports surfaces, a pedigree which guarantees hardwearing, low-maintenance installations in all situations.

### **HOW MUCH GRASS DO I NEED?**

Verde grasses are manufactured in rolls 2 metres (6'6") or 4 metres (13') wide and are supplied in lengths to suit. Measure the area on which the grass is to be installed to work out how much grass is needed. Make a diagram and take to your retail suppliers who will advise you on your requirements.

**Note:** The pile of grass may be directional. For best results install with all pieces layed in the same direction. Seaming tape and adhesive will be needed if you are installing more than one panel.

### **HOW DO I ORDER?**

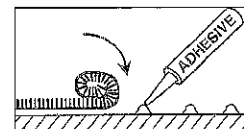
Having established your requirements for both grass and seaming materials, you are now ready to place your order with your supplier. Your requirements will be entered onto an order form and you may be asked to sign this to confirm that the details are correct, as once the material is cut it becomes your responsibility. You may be asked to pay for your materials at the time of placing the order.

### **WHAT HAPPENS NEXT?**

Your order will be passed to Verde Sports by fax or email and they will despatch goods directly to your nominated delivery address. Their aim is to deliver all goods within 3-5 working days of receiving an order. The grass will usually be delivered rolled on a disposable cardboard tube. It is essential that you check packaging for damage before signing the delivery note. Any special delivery arrangements may be subject to an additional surcharge.

### **INSTALLING ON HARD (BOUND) SURFACES - CONCRETE, TARMAc, MACADAM, ASPHALT**

- Make sure the surface to be covered is clean and smooth (debris and dust must be removed).
- If a new sub-surface is being constructed a slight fall (1:200 is ideal) should be incorporated to assist drainage.
- If there is no fall, it is recommended that a few drainage holes are made in the concrete.
- Porous (open textured) macadam is particularly suitable as a sub base.
- Paving slabs are not satisfactory, since after a period of time the pattern of the slabs will show on the surface of the grass. The slabs should be removed and the sub-base covered with a layer of fine aggregate - refer to unbound surface installation.
- Verde Artificial Grasses may be spot stuck or loose laid and fixed around the perimeter.



### **INSTALLING ON UNBOUND SURFACES**

- Well compacted unbound aggregate (stone) bases are ideal for artificial grasses and if an artificial lawn were to be built from scratch, this type of base would be our recommendation.
- Any unbound surface, which drains and is stable and reasonably level however, is perfectly satisfactory.
- If the surface is too rough it may be finished with a thin layer of fine aggregate.

#### **For an excellent surface we recommend:**

- 1) Remove soil to a depth of 100mm - by hand or using a turf cutter and weed kill the area.
- 2) Compact and level the ground using a compacter plate or roller.
- 3) An optional low-cost geotextile may be laid over the compacted earth, fixing down with galvanised nails, to minimise weed growth.
- 4) Lay the sub-base. Typically a 25mm - dust aggregate is used to a depth of 25mm to 75mm. Compact and level using the plate compacter or roller. If you choose a timber fixing for the edge of the grass, this should be fitted using tanalised timber and fixing stakes.
- 5) Add a thin layer of fine aggregate over the stone and compact again.

## For a satisfactory surface we recommend:

You may wish just to compact existing soil and cover with a layer of compacted fine aggregate, followed by the artificial grass. If you do not remove the existing lawn, natural grass will die off, roots will decay, possibly causing unevenness in the surface.

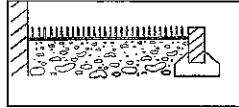
## FIXING THE ARTIFICIAL GRASS IN PLACE

Sand filled grasses should be spread over the base, filling the pile with kiln dried sand, available from most builders merchants. The sand is brushed into the pile using a stiff broom. The weight of the sand holds the carpet in position.

The closer tufted products, which do not require sand, are fitted under tension and fixed around the perimeter using nails or timber edging. See below.

## FIXING THE EDGES

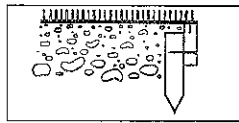
1. By butting against an existing wall or upstanding kerb.



3. By placing the edge of the grass under paving stones.



2. By fixing to an edge board - tanalised timber 100mm x 25mm located by wooden pegs 50mm x 50mm x 300mm is ideal.



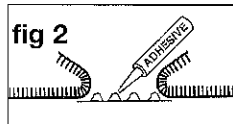
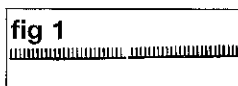
4. By burying the grass edge under adjacent natural turf.



## MAKING JOINS IN LARGER INSTALLATIONS

Joins are made by sticking the underside of the artificial grass to a special seaming tape by means of polyurethane adhesive. The edges to be joined should be trimmed carefully, removing any excess "selvedge" material. Adjacent panels should be laid together ensuring that straight cut edges are butted close together (fig 1). As all grasses have a directional pile, check and ensure all panels are running in the same direction. The edges are then folded back and the seaming tape laid, shiny side down, centrally along the joint (fig 2).

Beads of adhesive are applied from a cartridge gun to the top surface of the seaming tape. The carpet is now folded down and pressed into the adhesive (fig 3). The strength of the join will be improved if the seam can be weighted during curing.



Seaming tape and adhesive cartridges should be ordered at the same time as the grass, allowing one cartridge for 3 metres of seaming.

## MAINTAINING THE ARTIFICIAL GRASS

Verde Artificial Grasses are low maintenance surfaces. The rules are simple - remove debris, particularly leaves or pet droppings, since otherwise these will compost into the surface and allow moss to grow. Debris may be removed by sweeping and, in dry conditions may be vacuumed with a domestic appliance or leaf blower. Do not vacuum sand-filled grasses - The machine will fill with sand!

If moss does form in the pile, it should be treated with a proprietary moss killer and swept thoroughly to remove the dead material. A brass broom or similar stiff brush is best for maintaining a "fresh" appearance. Odd weeds, which may seed themselves in the surface, may be removed by hand or spot-sprayed with a general weedkiller.

**Available From  
Our Nationwide Network of Approved Suppliers and Installers**

**[www.artificialgrass.org.uk](http://www.artificialgrass.org.uk)  
Verde Sports Ltd**