



SYNTHETIC TURF INSTALLATION GUIDE



INTEGRITURF
SYNTHETIC TURF PRODUCTS

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1: DEMO

STEP 1: DEMOLITION / EXCAVATION

REMOVE ANY EXISTING LAWN, WEEDS AND VEGETATION TO PREP THE AREA FOR EXCAVATION.

EXCAVATE A MINIMUM OF 3-4 INCHES OF EXISTING SOIL, ENSURING A CONSISTENT DEPTH OF EXCAVATION.

COMPACT THE NATIVE SOIL WITH A PLATE COMPACTOR OR HAND TAMPER TO PROVIDE A SOLID FOUNDATION FOR THE SUB BASE.

NOTE: IF GOPHER WIRE IS REQUIRED, INSTALL THE GALVANIZED GOPHER WIRE MESH OVER NATIVE SOIL AFTER EXCAVATION AND COMPACTION IS COMPLETED.

THIS WOULD ALSO BE THE TIME TO INSTALL ANY UNDERGROUND DRAINAGE OR IRRIGATION LINES.



2: BASE PREP

STEP 2: IMPORT 3 TO 4 INCHES OF CLASS II ROAD BASE OR "CMB" (CRUSHED MISCELLANEOUS BASE). USING A GRADING RAKE, SPREAD AND LEVEL OUT THE ROAD BASE MAKING SURE TO SLOPE AWAY FROM WATER SENSITIVE AREAS SUCH AS HOUSE FOUNDATIONS AND TOWARDS LANDSCAPE DRAINS FOR PROPER DRAINAGE.

ONCE GRADED, COMPACT THE ROAD BASE USING A PLATE COMPACTOR AND/HAND TAMPER MAKING SURE TO COMPACT SUFFICIENTLY AROUND THE PERIMETER.

AFTER BASE COMPACTION, IMPORT 1 TO 2 INCHES OF DECOMPOSED GRANITE TO CAP OFF THE ROAD BASE. COMPACT THE DECOMPOSED GRANITE WITH A PLATE COMPACTOR, SOD ROLL, OR HAND TAMPER.

COVER THE COMPACTED DG WITH A WEED BLOCK FABRIC AND SECURE WITH NAILS OR STAPLES.



3: TURF LAYOUT

STEP 3: UNROLL THE TURF AND LET IT LAY OUT IN DIRECT SUNLIGHT FOR AT LEAST 1 TO 2 HOURS TO ALLOW THE FIBERS AND BACKING TO RELAX AND FLATTEN OUT.

ONCE RELAXED, MOVE THE TURF INTO THE INSTALLATION AREA AND POSITION THE TURF SECTIONS NEXT TO EACH OTHER WITH THE GRAIN LEANING IN THE SAME DIRECTION. OVERLAP ANY SECTIONS OF TURF THAT WILL NEED TO BE SEAMED TOGETHER, OVERLAPPING AT LEAST 3 TO 9 INCHES (DEPENDING ON SEAM TECHNIQUE).



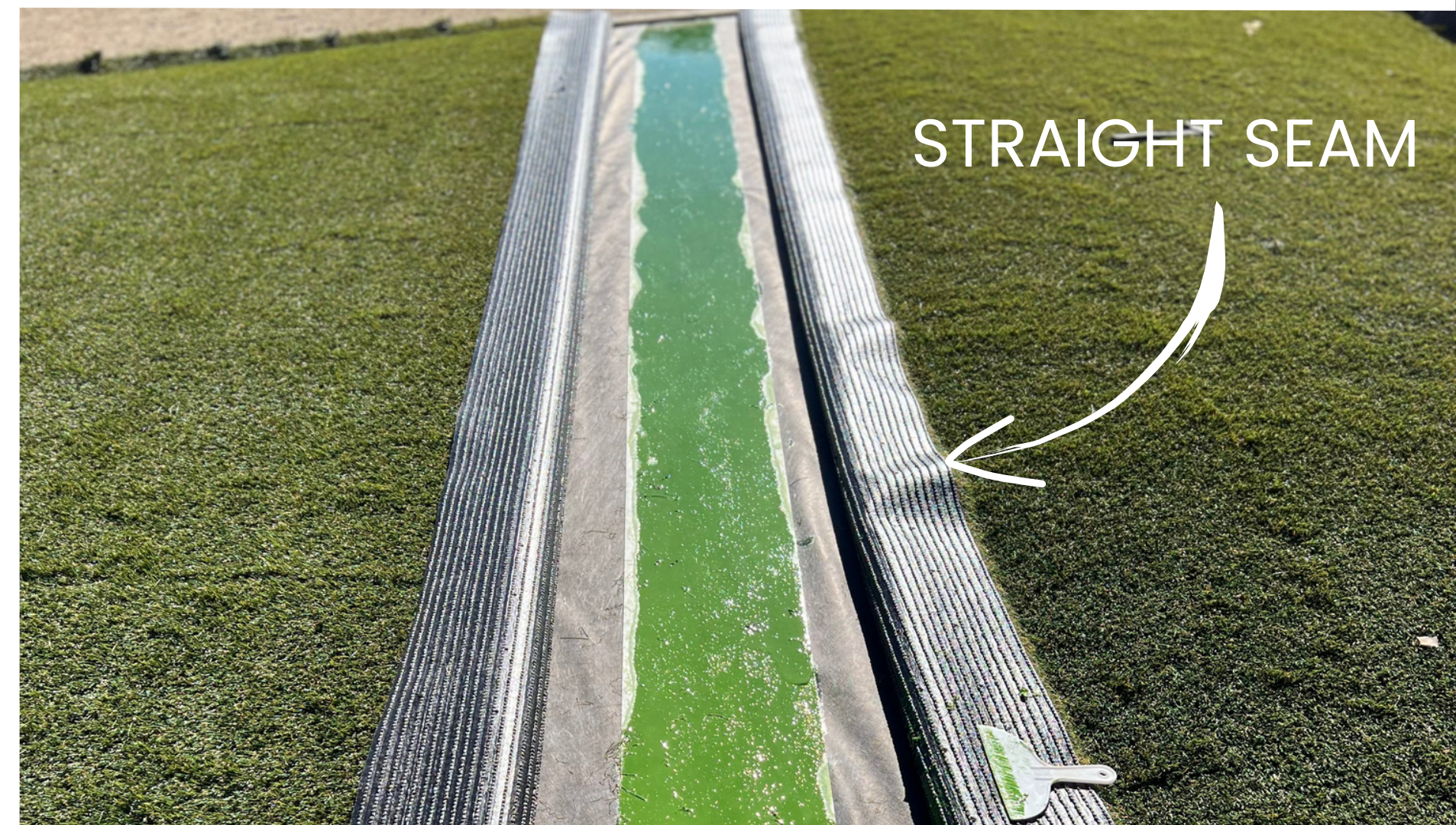
4: SEAM THE TURF

STEP 4: SEAM TURF SECTIONS TOGETHER
CHOOSE WHICH SEAMING TECHNIQUE YOU WILL BE
USING (STRAIGHT LINE SEAM VS. "S" SEAM).
DEPENDENT ON WHICH TECHNIQUE WILL
DETERMINE HOW YOU WILL TRIM YOUR EDGES. FOR
STRAIGHT SEAMS, TRIM OFF 3 TO 4 STITCH ROWS
FROM EACH SIDE OF THE SEAM, MAKE SURE TO
TRIM THE MATERIAL CLOSE TO THE STITCH ROW.

IF YOU DECIDE TO USE THE "S" SEAM TECHNIQUE,
YOU MAY ORDER TOOLS TO ASSIST WITH CUTTING
THE SCALLOPED PATTERN, OR, YOU MAY SIMPLY
FREE-HAND IT.

ONCE YOUR SEAM LINES ARE CUT AND PROPERLY
LINED UP AND SPACED OUT, OPEN UP THE TURF
AND PLACE TEMPORARY NAILS TO KEEP IT OPEN.

SET YOUR SEAMING TAPE AND APPLY THE SEAM
ADHESIVE TO THE TAPE. ONCE ADHESIVE BECOMES
TACKY, SET THE TURF AND PLACE INFILL SAND
BAGS ALONG THE SEAMS TO ADD COMPRESSION
TO THE SEAM WHILE THE ADHESIVE CURES.



5: STRETCH & TRIM

STEP 5: ONCE THE SEAMS HAVE BEEN SECURED, PLACE TEMPORARY NAILS ALONG BOTH SIDES OF THE SEAM TO KEEP THE SEAM IN PLACE. USING A CARPET KNEE-KICKER, STRETCH THE TURF OUTWARD TOWARDS THE PERIMETER AND PLACE NAILS PERIODICALLY TO HOLD THE TURF IN PLACE.

ONCE THE TURF HAS BEEN STRETCHED IT IS TIME TO TRIM THE PERIMETER AND EDGES. USING A UTILITY CARPET KNIFE AND/OR SCISSORS, CAREFULLY TRIM FROM THE BACK SIDE OF TURF ALONG THE EDGE. TAKE YOUR TIME TO ENSURE A CLEAN AND ACCURATE CUT TO AVOID MISCUTS THAT CAN LEAVE LARGE GAPS BETWEEN THE TURF AND BORDER EDGE.



6: NAIL & INFILL

STEP 6: NOW THAT THE TURF HAS BEEN STETCHED AND TRIMMED AND IS IN IT'S FINAL POSITION, IT IS TIME TO SECURE THE TURF TO THE GROUND. THIS IS DONE WITH A COMBINATION OF NAILING THE TURF ALONG THE PERIMETER AND THROUGHOUT THE FIELD AREA, AS WELL AS, APPLYING A SAND INFILL ON TOP OF THE TURF.

NAILING: THE MOST COMMONLY USED NAILS ARE EITHER 5-INCH 40D COMMON OR 6-INCH ELECTRO-GALVANIZED NAILS. THESE ARE PLACED ALONG THE PERIMETER OF THE TURF EVERY 4 TO 5 INCHES AND EVERY 2 TO 3 FEET ON CENTER THROUGHOUT THE FIELD.

INFILL: DEPENDING ON THE TURF, YOU WILL NEED TO APPLY INFILL AT A RATE OF 1 TO 3 POUNDS PER SQUARE FOOT OF AREA. THIS IS BEST DONE USING A DROP SPREADER TO ENSURE THE SAND IS EVENLY DISTRIBUTED. USING THE DROP SPREADER, WALK AT A BRISK PACE WHILE MAKING NORTH/SOUTH AND THEN EAST/WEST PASSES TO EVENLY APPLY THE INFILL.



7: POWER BROOM

STEP 7: POWER BROOM

THE FINAL STEP IN THE INSTALLATION PROCESS IS POWER-BROOMING THE TURF. THIS WILL LIFT THE GRASS BLADES UPRIGHT AND WILL HELP SETTLE THE INFILL SAND DOWN INTO THE BASE OF THE PILE.

WHEN POWER BROOMING, MAKE SURE TO BROOM AGAINST THE GRAIN AND NOT WITH. YOU MAY ALSO BROOM AT AN ANGLE AGAINST THE GRAIN AS WELL TO INTEGRATE AND BLEND THE GRASS BLADES, PARTICULARLY ALONG SEAM LINES.

