Clubline®
TURF SYSTEMS

DESIGN. PLAN. BUILD.

ATHLETIC TURF SYSTEM INSTALLATION

PROCEDURE FOR FOAM BACK TURF INSTALLATION
A 24 HOUR RELAXATION PERIOD IS RECOMMENDED BEFORE GLUING DOWN TURF TO PREVENT SHRINKING AND /OR EXPANDING AFTER GLUE DOWN. IDEAL TEMPERATURES SHOULD BE ABOVE 70 DEGREES.

WHEN CARPET IS DELIVERED:
Check its texture, color, and style; make sure there are no visible defects before installation. Be sure the installer will adhere to the CRI 105 installation methods. Among other things, it requires for proper installation, that turf must be power-stretched to minimize wrinkling and rippling. Seam edges must be sealed with appropriate adhesive to prevent delaminating and edge ravel.

FLOOR PREPARATION (WHEN NOT USING SEAMING TAPE)
TEMPERATURE AND HUMIDITY:
The environment in which the turf is to be installed must be controlled with the temperature between 65° F and 95° F (18° C and 35° C) and the relative humidity between 10%and 65%. If installing over concrete, the slab temperature should not be less than 65° F (18° C). These conditions must be maintained for at least 48 hours before, during, and 48 hours after the installation.

FLOOR PREPARATION:
Each subfloor shall be inspected to determine the special care required to make it a suitable foundation for turf. All cracks 1/8 inch (3 mm) wide or protrusions over 1/32 inch (.8 mm) should be filled or leveled.

CONCRETE:
Concrete shall be cured, clean, and dry. If the turf is to be installed using an adhesive, the concrete shall be free of paint, dirt, grease, oil, curing or parting agents, and other contaminants, including sealers, that may interfere with the bonding of the adhesive.Whenever a powdery or porous surface is encountered, a primer compatible with the adhesive shall be used to provide a suitable surface for the glue-down installation. Patching of cracks and depressions shall be made with an appropriate and compatible latex or polymer fortified patching compound. Do not exceed manufacturer's recommendations for patch thickness. Large patched areas must be primed.

MOISTURE TESTING (WHEN NOT USING SEAMING TAPE)
Concrete floors, even with adequate curing time, can present an unacceptable moisture condition by allowing excessive amounts of moisture vapor to pass through to the surface. This can be a problem even on suspended concrete floors. All concrete floors should be tested for moisture emission rate by utilizing an anhydrous calcium chloride moisture test kit available from installation supplies and accessories distributors. This quantitative method is very precise and must be conducted carefully, with strict attention to the test kit manufacturer's detailed instructions. Moisture emission rate is expressed in lbs/1000 sq ft/24 hours. Because the calcium chloride test for emission rate requires 3 days to conduct, proper installation planning is a must. As a general guideline, an emission rate of 3 lbs (1.4 kg) or less is acceptable for most turf. In the range from 3 lbs to 5 lbs (1.4 to 2.3 kg), carpet with porous backings can usually be installed successfully; but the risk of moisture-related problems increases. Since some floor covering products are less tolerant of moisture than others, always consult the individual manufacturer to determine the emission rate for specific products.

GET GLUE APPROVAL BEFORE STARTING (SEE BOTTOM FOR LIST)
TRIMMING SELVEDGE (EDGE/SEAM):
- Cut face down using straight edge and carpet knife
- Use a chalk line to mark straight line for cut reference,
- Use straight edge to prevent jagged edges.
- FACTORY PRE-TRIM AVAILABLE , CALL FOR PRICING

TURF LAYING TECHNIQUES:
- Start in middle of room using chalk line
- Butt turf together SQUARE at center line
- Place weight (anything over 30 pounds every 5-10 feet) starting seven feet off center line in both directions
- CAUTION, do not forcefully move turf when folding/unfolding, be careful as to keep turf square to the center line, and adjoining turf
- Fold back turf at center line and glue down three feet on both sides of center line for 50% glue down. 100% glue down 6 foot turf is recommended and same procedure is followed.
- For best results use a Seam Sealer to prevent heavy wear on the seam. See page 3 below for directions
- Roll turf with 100 pound roller until glue tacks up.

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100% GLUE DOWN AND SEAM SEALER RECOMMENDED FOR HEAVY TRAFFIC

- Follow all seam installation instructions above up until the point where the turf is actually laid into the glue.
- Place one side of the turf into the glue (See photos below).
- Do not cut the end of the seam sealer tube. (Precut Applicator Tube)
- Apply the seam sealer to the side of the turf that is in the glue.
- Fold the other piece of turf into the glue as done in normal installation.
- MEKis the recommended solution for clean-up.

Seamsealer bead should be applied to the side of the turf to ensure that the seamsealer fully covers both sides of each roll being installed. (As seen above with one roll laid down first before laying 2nd roll)

When the two pieces of turf are laid in the glue with the seamsealer, there should be no more than enough space to fit a penny. (As seen above with penny splitting the seam)

APPROVED ADHESIVES (EDGE/SEAM)
Please call your rep for available adhesives that can ship with turf for Indoor/Outdoor Use.

TROWEL:
Turf Claw (1/4" notch trowel-130-150 lin/ft x 11 inches)
Turf Grip (1/8" notch trowel-140-160 lin/ft x 11 inches)
Nordot 34-G (1/4" notch trowel-130-150 lin/ft x 11 inches)

SEAM SEALER:
SportBond ATS 04 (70 lin/ft per tube doing a 5mm bead)
Adhesives available at Home Depot and /or Lowes can adhere to turf but are NOT designed for high traffic sports applications.

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