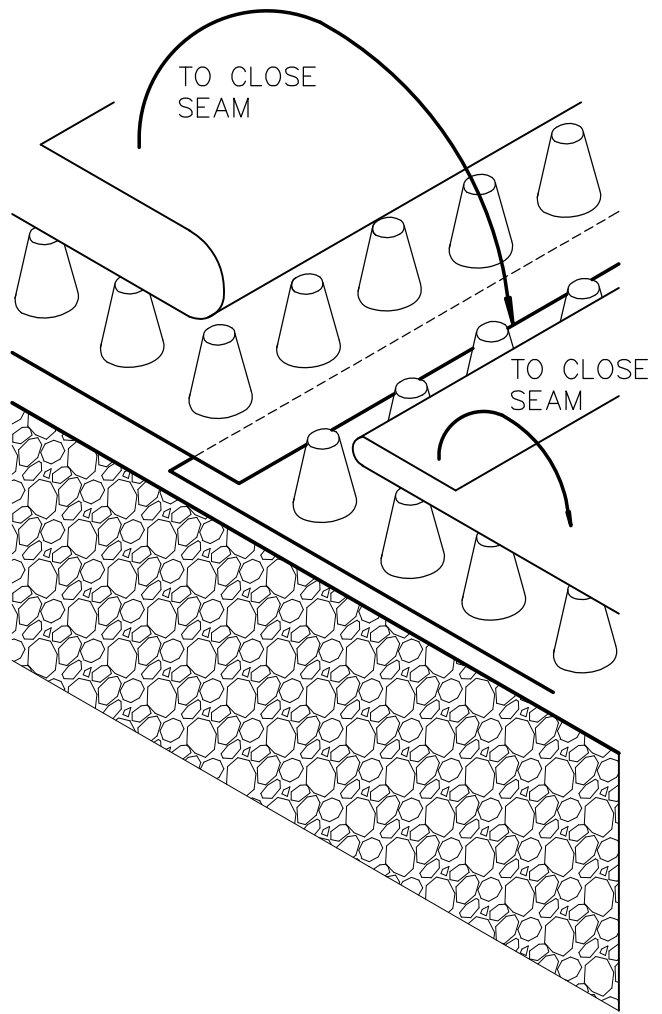
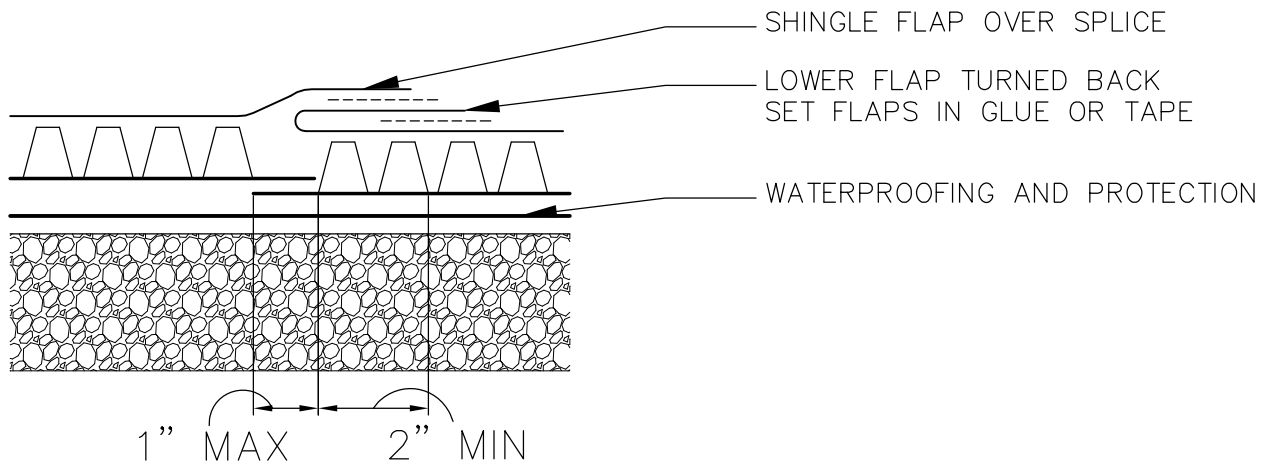


SportsEdge® HQ Installation Instructions for SYNTHETIC Turf Fields

New Synthetic Fields

For a successful Installation of the SportsEdge® HQ Drainage System, please review the following:

- ◆ Most new fields are done in two phases.
 1. Base construction.
 2. Turf installation.
 - ◆ The base construction contractor is typically responsible for installation of the drainage system.
 1. After the field has been laser graded to the desired slope, the sub grade will compacted.
 2. A geosynthetic liner is placed over the entire field; either an impervious liner or a geotextile fabric (woven or non-woven) is selected, or as directed by the design engineer or architect. This liner helps to stabilize the subgrade and provide a barrier between the soil and the rock backfill.
 - ◆ SportsEdge® HQ is installed horizontally (flat) in an interlaced pattern with points up. Typically, a herringbone pattern with 15 to 20 foot center to center spacing is used. Occasionally, longer or shorter distances are suggested. For Synthetic Field applications, SportsEdge® HQ12 with a *minimum* width of 12 inches is recommended.
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- ◆ The drain lines are positioned at the top of the slope and oriented at an angle of 45 degrees relative to the long dimensions/edges of the field. Ideally, the drains are oriented perpendicular to the direction of the flow. A 45 degree angle provides an opportunity for water flowing in different directions to be intercepted by the SportsEdge® HQ as it flows toward the edges of the field.
 - ◆ Collector lines are installed along the edge of the field and are typically constructed of HDPE perforated pipe that is sized for the field to accommodate the drainage.
 - ◆ SportsEdge® HQ is drained to the perforated collector pipe using a “gravity” connection. The use of “hard connections” is usually not necessary. The SportsEdge® HQ lines are installed over the collector pipes.
 - ◆ **IMPORTANT:** Until the clean crushed rock backfill is placed on the field, ALL wheeled traffic should be kept OFF the drain lines. Once a minimum of 2” of rock is placed, then TRACKED equipment can drive across the drainage lines.



SportsEdge® HQ Panel Drain

NOTES:

1. SET DOWN STREAM DRAIN COMPOSITE WITH SEAM FLAP TURNED BACK.
2. SET UPPER DRAIN COMPOSITE WITH HARD PLASTIC PLACED ONTO LOWER COMPOSITE.
3. EXTEND FLAP OF UPSTREAM COMPOSITE OVER LOWER COMPOSITE.
4. GLUE OR TAPE FLAPS INTO POSITION UNTIL IS COMPLETED.

Panel Splice

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The contained information is for reference only. It is not intended for use as an engineering specification. It is the responsibility of the user to determine if the product is appropriate use based upon specific project conditions/requirements.