



INSTALLATION / MAINTENANCE
GUIDELINES
SRH EXT TILES & SRH Ultra



This product meets the rigorous indoor air quality requirements of the FloorScore® certification program.

The following pages are guidelines only... please read this manual thoroughly before installing Recycled Rubber Surfacing products.

MATERIAL STORAGE & HANDLING

On receipt of merchandise:

A) Double-check that your order is correct, that no damage occurred during transport, and for any other possible shortcomings. For your own protection, ensure that defective product is identified prior to the start of the installation. Please note that SRH is not responsible for any installation costs that occur as a result of defective product being installed.

B) Storage

Store tiles in a dry and clean area. Temperature and humidity changes will cause the rubber to expand or contract. During storage, rubber tiles must be kept dry and adhesive must be stored above 50°F (10°C) in a dry, heated space.

C) Installation after short term storage

At least 48 hours before starting the installation lay out all tiles on the sub-surface, in piles of two or less, to allow them to acclimate. A tile laid in the morning hours at 32°F (0°C) would be a different size than a tile laid at 68°F (20°)

D) Installation after prolonged storage Before placing any SRH Sports product in prolonged storage, remove the pallet banding, leaving the other packaging on until acclimation begins. During prolonged storage, the tiles in the lower portion of the stack will compress to a greater degree than those in the upper portion. This will show as thickness variations in the products taken from the top of the pallet as compared to those on the bottom. Product dimensions (length and width) may also be affected. A longer acclimation time will be required for product that has had a longer storage time, up to 72 hours. **Do not install** the tiles if they are not square and the appropriate thickness has not been reached.

Long term storage should be considered as two weeks or longer.

E) It is important to keep a clean working surface at all times. Protect tiles from dust and dirt. Install only after all other trades are completed.

F) Keep SRH Sports rubber surfacing dry. Moisture will cause expansion of tiles.

SRH adhesive has a 12 month shelf life. If shipment has been stored for an extended time, see batch label on can and refer to decoding instructions included with data sheet to confirm that the adhesive has not exceeded its shelf life. SRH Sports is not responsible for expired adhesive used at the time of installation.



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TOOLS & ACCESSORIES

- SRH Installation Guidelines
- Safety glasses
- Heavy duty utility knife
- Band saw, jigsaw or reciprocating saw
- Steel mallet
- Measuring tape
- Transit level and Straight edge
- Caulking gun
- Chalk snap-line
- Trowel (if adhesive is required)
 - For fine finish concrete surface
1/8" (3.2mm) V-notch
 - For rough finish concrete
1/8" (3.2mm) Square-notch
 - Disposable plastic spatula for spot gluing
- Carpenter's square
- Perimeter border if required
- Transition wedges and corners if required

Interlocking tubes and pins

The interlocking tubes and pins are made from black polyethylene. Each tile requires four (4) interlocking tubes or pins which are included in every order at no charge.



Interlocking Pins



Interlocking Tubes

BEFORE STARTING THE INSTALLATION Ensure all other trades are completed work prior to installing SRH Sports recycled rubber flooring. In cases where other trades may access the installation area, the use of masonite board or plywood should be used to protect the rubber flooring from damage and debris. SRH Sports is not responsible for any product failure if proper floor preparation and/or installation procedures are not followed.

PREPARATION OF THE SUB-SURFACE The sub-surface must be level, clean, and dry. Remove all old adhesive. A rough or uneven sub-surface will result in an uneven installation. Interlocking rubber tiles should not be installed on top of carpet as the tiles will shift apart.



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A) Concrete sub-surfaces

New concrete sub-floors must be thoroughly cured and free from hydrostatic pressure before rubber tiles are installed (a minimum of 30 days after pour). Sub-floor must be smooth and level to a tolerance not exceeding 1/8" in 10 lineal feet. If existing concrete is too rough, or does not meet the above criteria, apply a portland cement based leveling compound to smooth and level the surface. Follow all leveling compound manufacturer's instructions.

B) Wooden sub-surfaces

- New plywood should be acclimatized for a 48-hour period prior to installation of the rubber flooring.
- CDX exterior smooth one side suggested for new wood substrates.
- Secure all nails to prevent future protrusion.
- Any cracks, holes, and rough or uneven areas should be patched with good quality cement based leveling compound.
- Wood sub-surface must be a minimum of 1" thickness, and free from any flex movement.

C) Rooftop applications over roofing membrane

SRH Ext tiles are compatible with most EPDM roofing membranes and do not require the installation of a protective intermediate cover in most cases. Please check with your membrane manufacturer for compatibility and warranty confirmation. If necessary, a woven geo-textile slip sheet may be placed between membrane and tiles. (Secure to perimeter borders, being careful not to damage membrane) Some PVC membranes may not be compatible for use with rubber tiles. **A QUALIFIED INSTALLER OR ROOFING CONTRACTOR IS RECOMMENDED FOR ROOFTOP INSTALLATIONS.**

INSTALLATION OF SRH ULTRA TILES

SRH Ultra & Ext tiles are primarily installed without adhesive, using interlocking tubes or pins for stability. However some installations may benefit from adhering edges of the tiles together. Where installations are not contained on all sides, perimeter tiles should be adhered to the sub-surface. Alternately transition wedges can be used as containment by adhering them to the sub-surface.

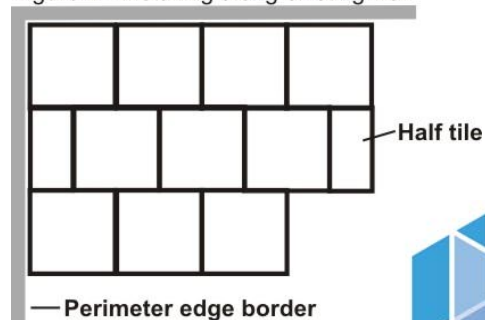
1. Arranging the Tiles

It may be to your advantage to insert four (4) interlocking pegs into each tile prior to removing from the pallet. Be sure to leave enough tiles without pegs to do your first row of tiles. Make sure the sub-surface is properly prepared (see Section IV – Preparation of the Sub-surface). Determine the area for best layout. For irregular site configurations, a good starting point is often the center. Other installations are best started in the corner along a straight edge. See Section VI for measuring and cutting tiles to fit.

A) Installing Along Existing Wall

Place the first tile at your designated starting point, either against a wall or existing border. Align first row of tiles along a straight edge. Make sure that all interlocking holes are facing toward unfinished area. (Do not put any pegs in first row of tiles.) (See figure A). Start second row with a "half tile", which is simply a full tile cut in half. As you are installing each tile, tilt slightly to ease pegs into existing tile. Tap with mallet to ensure tight fit. Continue installation in a staggered method. Repeat first and second row until installation is completed.

Figure A - Installing along existing wall

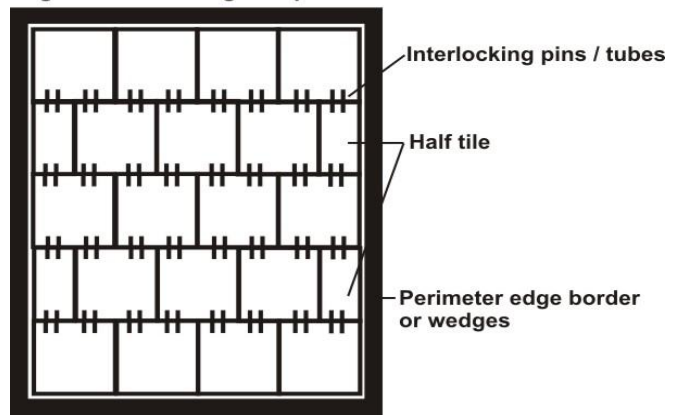


B) Installing With Perimeter Border

If installing a new perimeter border, it is best if you only install two edges first (i.e. L shape). This will reduce movement of the tiles while inserting the interlocking tubes. After tiles are laid, install the last two remaining perimeter borders, making sure they are as tight as possible against the tiles. A mallet is helpful in this process.

The unique interlocking system allows the tiles to be securely fastened to one another. The correct installation of SRH Ultra Tiles is a staggered pattern to ensure proper alignment and a tighter fit.

Figure B - Installing with perimeter border



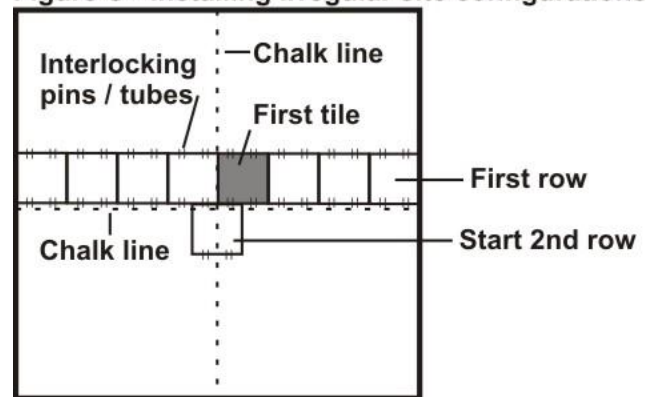
C) Installing Irregular Site Configurations

As reference for installation, measure the designated area and snap chalk lines both horizontally and vertically at the center of the installation area, the second chalk line will be 90 degrees to the first chalk line. These reference lines will serve as a guide for laying the first row of tiles.

Place the first tile aligned with the perpendicular center of the chalk lines. Align the first row of tiles along this chalk line making sure the interlocking holes are facing toward unfinished areas. Secure this first row of tiles by either gluing to sub-surface or creating a temporary border along one edge to hold the tiles in place.

Start second row at center of chalk line lining up with middle of tile above (see diagram below). Continue installation in a staggered method.

Figure C - Installing irregular site configurations



MEASURING & CUTTING

Lay tile on a flat surface, hold the metal straight edge on the cut line, and cut with sharp utility knife. Keep scoring the cut until separated. Change or snap off blades frequently to ensure clean cuts. For odd angles, circular patterns, and to cut around structure mounts, a cardboard template is suggested. If a large amount of cutting is required, installers may consider using a jigsaw or reciprocating saw. If so, suggested blade is 12-14 teeth per inch, or a rubber cutting blade. Depending on thickness and length of cut, inserting a small wedge into start of cut will help to minimize any binding on the blade.

As rubber has the ability to compress, it is best to cut your tile slightly larger than required. This will result in a tight fit. Cutting edges inward approximately 15 degrees will make placement along a solid edge easier. Hand cut edges should be used against perimeter walls only.



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ADHESIVE

- Please read the SRH Adhesive Product Data Sheet thoroughly before starting with the installation.
- Moisture is the single greatest cause of bonding failure.
- Higher temperatures and humidity cause the adhesive to cure faster.
- Use safety glasses and rubber gloves when applying adhesive.

Applying Adhesive

SRH Ultra & Ext tiles do not require a full glue down installation, however adhering perimeter tiles or transition wedges to create a perimeter containment may be required in some applications.

Wear gloves at all times when applying adhesive. Do not allow adhesive to cure on your hands.

All substrates must be structurally sound, smooth, clean, dry, and free from dust, loose material, grease, oil, wax, sealers, curing agents, and other foreign materials. Apply adhesive with trowel when spreading on sub-surface. Adhesive may also be applied directly to back of tile using a plastic spatula. If gun grade adhesive is used, run 1/8" to 1/4" bead across bottom of wedge/corner piece to ensure good bond with sub surface. When applying adhesive, glue must be spread evenly on sub-surface or on back of each piece to avoid differences in height. Allow 48 hours setting time. Avoid all traffic during curing time.

DO NOT GET ADHESIVE ON THE SURFACE OF THE TILES.

Using mineral spirits or similar products to remove adhesive residue may alter the surface appearance of the tiles. If you choose to use this type of product to remove adhesive, test product for color fastness first using a small amount of mineral spirits applied with a clean, dry cloth. Do not scrub! Any damage to the tiles as a result of adhesive removal is solely the responsibility of the installer.

C) Clean Up Adhesive

Excess adhesive on sub surface or tools should be cleaned immediately as per adhesive manufacturer's instructions. Cured adhesive bonds tightly and is very difficult to remove. **Do not use solvents** on tile surface as they cause deterioration of the bonding compound between the rubber granules.

Higher ambient temperatures and humidity will result in a faster curing rate.

INITIAL CLEANING POSTINSTALLATION

When flooring installation is complete, sweep floor to remove any debris, then dry vacuum thoroughly to remove all surface dust and dirt using a high CFM vacuum. Damp mop with SRH Clean diluted with warm water or other neutral based cleaners; use a microfiber mop. Use a two bucket system and change the water frequently. If floor has been unprotected during construction and an excessive amount of dirt or dust is present, additional cleaning with a light weight auto scrubber equipped with a soft nylon brush may be required. An rpm of 185 and brush pressure between 35 and 85 lbs are recommended. See Periodic Cleaning below for details.



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