

Playground Tile

Installation Instructions

by JCH International 800-328-9203

DELIVERY & STORAGE OF MATERIALS- Store product and adhesives in a clean, dry, ambient temperature environment. Inspect Tiles for any discrepancies, product defects, etc. Carefully read the installation instructions prior to installation.

INSTALLATION MATERIALS

- Measuring Tape
- Metal Straight Edge
- Non-retractable utility Knife (with extra blades)
- Jig Saw (with proper blade to cut rubber) or Bandsaw
- White Chalk or Marker
- Chalk Line
- Caulking Gun for edge to edge adhesive
- Paint Roller Trays, Paint Rollers (for direct glue-down adhesive)
- Adhesive (as recommended by JCH International)
- Rubber Gloves to keep adhesive off skin
- Geotextile Landscape Fabric- for installations over sub-base (not concrete/asphalt)

SITE PREPARATION- Tile should be protected from weather and other damage prior to, during, and after installation- while curing. Tile may be installed over concrete/asphalt or well compacted granular sub-base. Assure adequate drainage is maintained through a 2% slope of sub-base to prevent pooling. Any corrections deemed necessary shall be completed prior to the installation of the Tiles.

Concrete/Asphalt:

- All surfaces must be clean, dry, flat, free of loose materials, oils, paint, or other, that may effect adhesive
- All bumps protrusions, cracks or uneven surfaces must be leveled before installation of Tile. Any bumps or debris will cause excess wear and/or cushion damage
- New concrete/asphalt must be thoroughly cured (min. 30 days cure time), and not subject to hydro-static water pressure, prior to paver installation
- Old concrete/asphalt must be repaired and have joint sealants and fillers installed as necessary. All cracks/flaws should be filled in or repaired prior to covering

Compacted Granular Sub-Base:

- Grass, ground cover, soils, and organic fills must be removed to a minimum 4" below bottom of tiles at finished elevation
- Installation of a 4" layer of aggregate crushed rock or road base shall be completed and compacted to a 90% rating and a +/- level when measured with a ten foot straight edge in any direction
- Place Geotextile Landscape Fabric over entire site, overlapping a minimum 12" and tape joints to secure

SITE LAYOUT

- Ensure entire site has been prepared, sub-base completed, and site and materials are clean and dry
- All permanent structures should be installed prior to installation of Tiles
- Remove Tiles from pallets and loosely spread over the entire installation site to allow them to conform and acclimate to conditions. If installation is to take more than one (1) day, spread out only as many tiles as are required for that day; repeat procedure on the following work day(s)

ADHESIVE APPLICATION- Tiles are installed using one of these two methods: [1] Adhered directly to concrete/asphalt, [2] Adhered on edges only (*tiles are not adhered to the base surface*).

Direct Glue Down: Using recommended adhesive, spread a thick film coat on the base surface, then lay down the tiles working from one end of the site to the other.

Edge-to-Edge: Using a caulking gun loaded with adhesive, apply a bead of adhesive along leading edge face of tile so that subsequent adjoining tiles are securely adhered together. Repeat for each row.

INSTALLING TILES

- Select a straight edge of the site or provide a chalk line as a starting point along one of the perimeters
- Ensure that all tiles have been pre-placed on site to conform to conditions
- Apply adhesive, based on installation method chosen (*direct glue-down or edge-to-edge*), press firmly to remove trapped air and assure secure adhesion
- Keep edges straight and aligned. Check alignment as each row is laid down
- As each adjoining row of tiles is installed, ensure that joints are kept tight and install all full tiles first. Any tiles requiring cutting should be set aside, marked, and cut to suit after all full tiles have been installed
- Allow adhesive to cure for approximately 24 hours before allowing traffic. Otherwise, Tiles may shift or cause open seams. Curing time may vary based on temperature and humidity factors

CUTTING TILES

- A bandsaw is the best tool to ensure a true clean cut line
- After full tiles are installed, mark, cut, and install custom fit and infill tiles. Then install tiles around permanent structures, posts, etc
- Measurement tolerances should be tight to ensure a clean fit
- Small gaps (up to 1/4") can be filled using a polyurethane caulking material

CLEANING AND MAINTENANCE

- All excess adhesive should be cleaned off Tiles immediately using a damp cloth
- If adhesive has dried onto Tile surface, scrape off with utility knife and rub with a cloth containing mineral spirits
- A regular routine maintenance program will enhance the appearance and performance of Tiles
- Tile surfaces can be swept, vacuumed, machine scrubbed, hosed-off, or power sprayed to ensure a clean and long lasting surface
- Tiles will allow liquids to pass through them, so site drainage is mandatory for tile performance

DISCLAIMER

- These instructions have been prepared to assist purchasers of Playground Tiles in the recommended installation procedure. It is a guideline which may be used to produce an effective installation and should be reviewed in the context of the installation site
- JCH International does not warrant any installation work, and specifically disclaims liability for any direct or indirect personal injury, property damage, or other costs or losses resulting from installations
- No reimbursement/warranty claim will be given for labor on material installation with visual defects. Any defects in size, color, or blemish must be reported to the place of purchase prior to installation