JUGANDO Quick Start Installation

See full installation instructions before commencing

Tools and Safety Equipment

• Installation Guidelines • Safety glasses • Solvent safe rubber gloves • Knee pads • Broom and dustpan • Heavy duty utility knife • Jigsaw, reciprocating saw, or bandsaw & Utility Knife • Suggested blade is 12-14 teeth per inch or a rubber cutting blade.	• Mallet • Measuring tape • Transit level and straight edge • Caulking gun • Chalk snap-line and white chalk sharpened to wedge for marking cuts • 1/16" x 1/16" x 1/16" V- Notch Trowel – if adhesive required	• Carpenter's Square • Transition wedges and corners if required • GeoTextile Landscape Fabric for compacted granular surface applications • Leaf Blower • Interlocking tubes ~~and~~ (additional cost) • Fallsafer System

Interlocking Tube System

	• Interlocking tubes are made from black polyethylene. Each tile requires four (4) Interlocking Tubes. • Interlocking tubes should be installed in the same direction as the longest part of the installation area.

Installing Over Existing Substrates

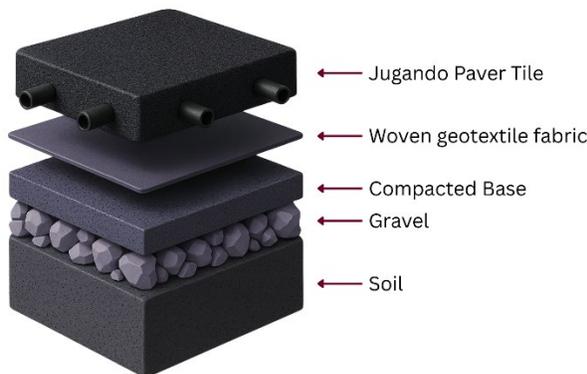|	
Surfaces	JUGANDO may be installed over a solid sub-surface such as concrete or asphalt, or over a compacted granular sub-surface. Particleboard, chipboard, Masonite, and Lauan Plywood are not considered suitable underlayment.
Prep	• The sub-surface must be flat/smooth, clean, and dry, structurally sound and all debris including old adhesives must be removed. Scraping may be required to remove debris. • In all cases, proper drainage must be provided due to the porous nature of the tiles. This can be achieved by either a well-defined gradient of the surface or well-placed drainage pipe in lower spots.

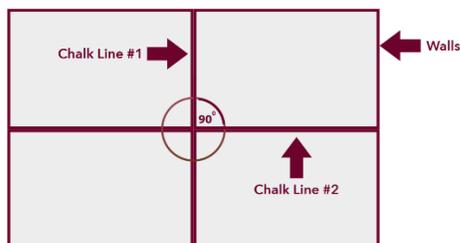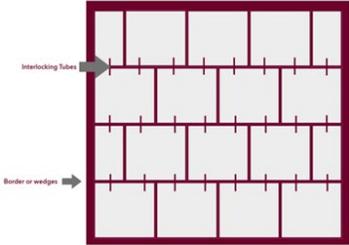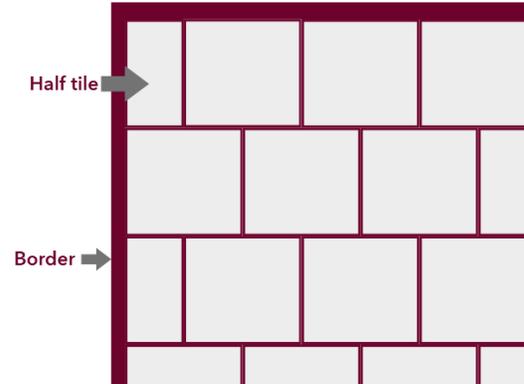|	
	• For information on concrete, asphalt, rooftop or compacted granular surfaces, see full CSI Specs.
Site Elevation	• On grade installation: The finished installed height of the JUGANDO surface will be equal to or slightly higher than the perimeter grade but not more than 1" higher unless approved by the project engineer. • Above grade installation: The installation of JUGANDO over existing decks or slabs is referred to as an "above grade installation" and will usually require the use of reducers around the perimeters of the area to transition smooth back to the floor elevation unless the site terminates at a wall or other vertical surface. • Image below - example of installation over a compacted base (area excavated to the depth of the thickness plus a minimum of 4"). See full CSI Specs "PART 3 – EXECUTION". •
Tip	• Dry-lay tiles before permanent install
Create Chalk Lines	•

Tile Layout	
Perimeter edge border	

	Interlocking Tiles (No Adhesive Required):
	
	 • Installing along a straight edge:
	
	     o Place first tile at designated starting point, either against a wall or existing border. Align first row of tiles along a straight edge.
	
	     o Make sure that all interlocking holes are facing toward unfinished area. (Do not put any interlocking tubes in first row of tiles.)
	
	     o Interlocking tubes should be installed in the same direction as the longest part of the installation area.
	
	     o Start second row with a half tile, which is simply a full tile cut in half.
	
	     o As you are installing each tile, tilt slightly to ease pegs into existing tile.
	
	     o Tap with mallet ensure tight fit.
	
	     o Continue installation in staggered method. Repeat first and second row until installation is complete.

See full installation instructions before commencing

Installing Irregular Site Configurations	 • Note: Staggered pattern
Artist rendering of installation – tile not to scale	
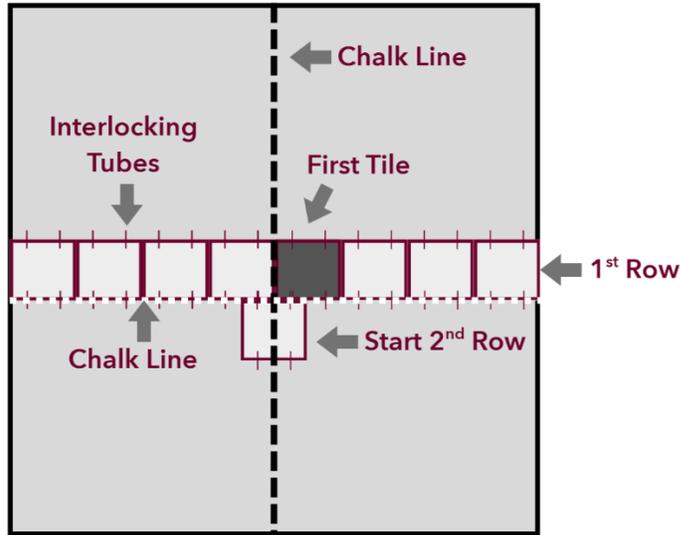
JUGANDO Quick Start Installation

See full installation instructions before commencing

Note: Catalina is not responsible for installing playground equipment. The installers can drill holes and remove the desired amount of paver tiles in order for the poles/posts to fit through the paver tile as seen above.

ADA Compliance – Ramps, wedges and corner pieces

 1.5" WEDGE · INSIDE CORNER · 1.5" ADA WHEELCHAIR RAMP 2.25" WEDGE · OUTSIDE CORNER · 2.25" WHEELCHAIR RAMP	Use JUGANDO rubber ADA ramps and transition wedges for wheelchair accessibility to meet ADA Compliance. Adhere to the edge of the rubber paver tile and/or glue to the sub-surface or transition pieces. • Ensure smooth transitions (no gaps or abrupt changes) • Surface is firm, stable, slip-resistant

Adhesive, Sealer and Maintenance Recommendations

	Optional - No adhesive needed for interlocking installs unless extra security required
	Adhesive - Chemrex Urethane 948 (V.O.C. compliant)
Optional Adhesives	**Note -** Do not allow any adhesives to cure on your hands
Sealers	***Do not seal this system**

Post-Installation Cleaning Guidelines	**Remove Installation Debris**
	• Use a shop vacuum or leaf blower to clear away any dirt and debris left behind after installation.
	Address Surface Residue
	• Tiles may have a water-based mold release residue from the manufacturing process. This is normal and can cause slight discoloration and slipperiness initially.
	   o For quick removal, clean the surface using JUGANDO Cleaner or a neutral cleaner. Agitate with a brush or mop, then rinse thoroughly with water. Do not power wash.
	   o Natural exposure to sunlight and rain will gradually eliminate this residue, but

	the process may take up to 4 weeks.
	Allow Proper UV Exposure
	• Keep movable furniture, planters, and other items off the newly installed surface for at least 48 hours. This ensures the tiles receive adequate UV light for even initial color adjustment.
	General Maintenance
	• JUGANDO requires less maintenance and routine cleaning.
	• The most common methods of cleaning are sweeping, blowing and/or hosing off the surface.
	• If excessively dirty, apply a solution of neutral cleaner and water and agitate with a brush then rinse with a garden hose.
	• Do NOT use solvents or pressure washers.