



STONEDEKS
SYSTEM

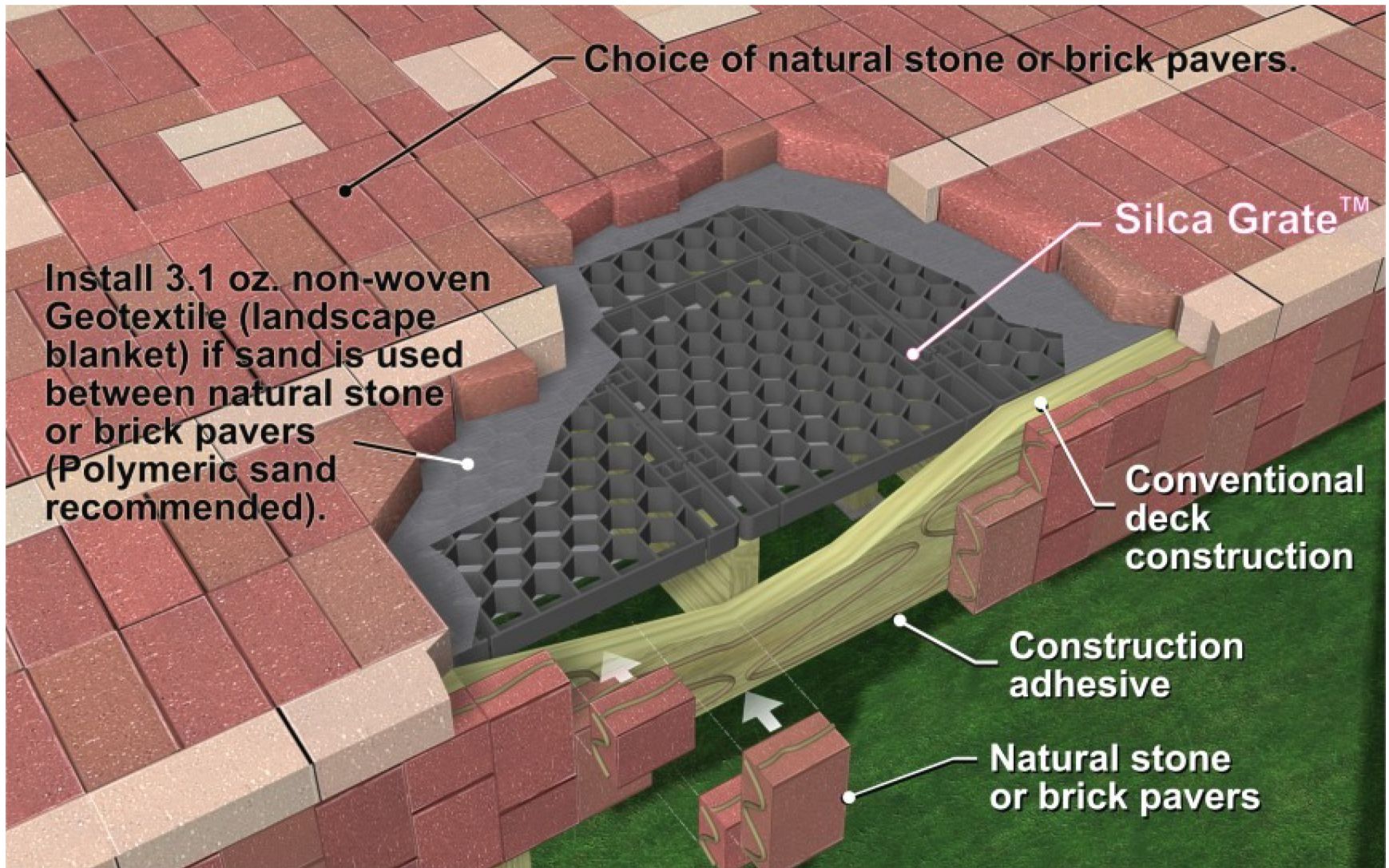
TRANSFORMING WOOD DECKS TO STONE DECKS

New Construction Guide

Manufacturer's Recommendations

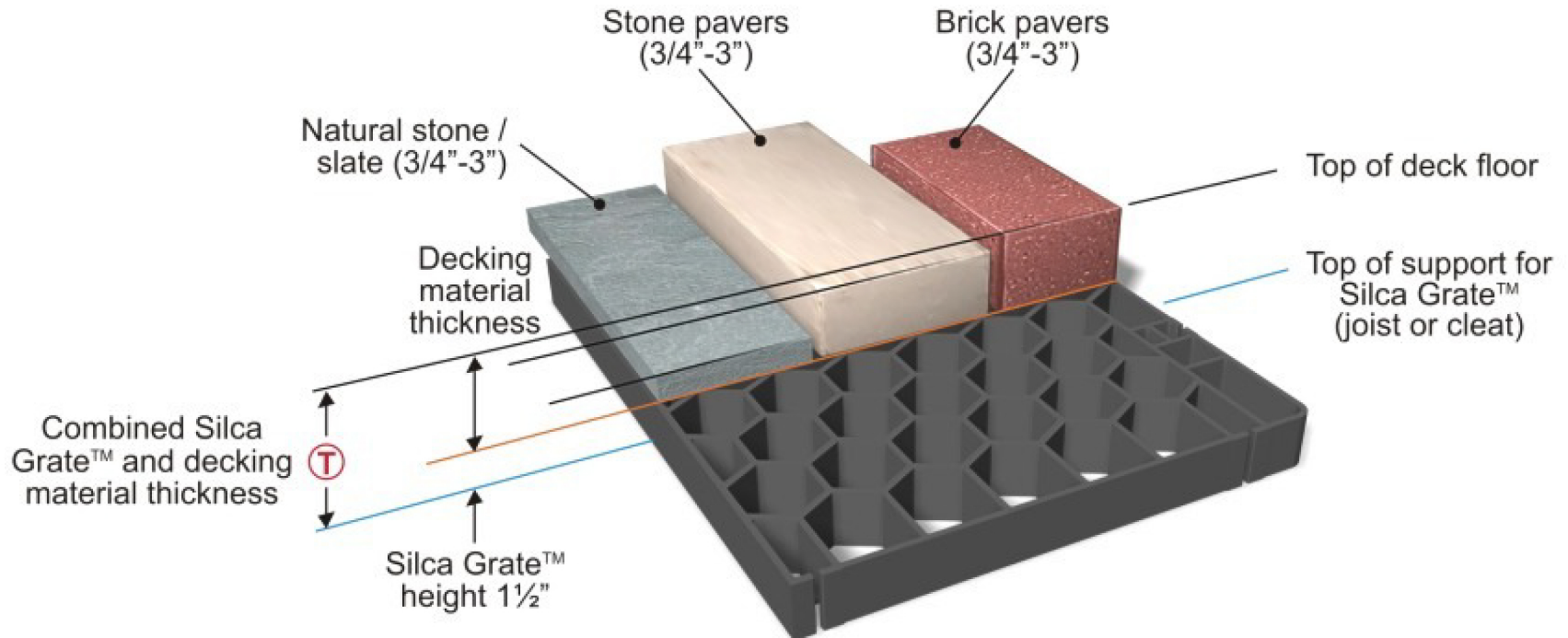
- Remove all horizontal flooring, wood, composite lumber, etc. from existing deck.
- CAUTION: Have a qualified person inspect all footings and joists. (See www.NADRA.org for checklist.)
- CAUTION: Make sure the **ledger board is bolted or all-thread bolted all the way through** the box beam on house.
- The manufacturer recommends footings 6 ft. on center and floor joists 16 in. on center.
- Conditions vary by locality always consult your local building department.

New Construction



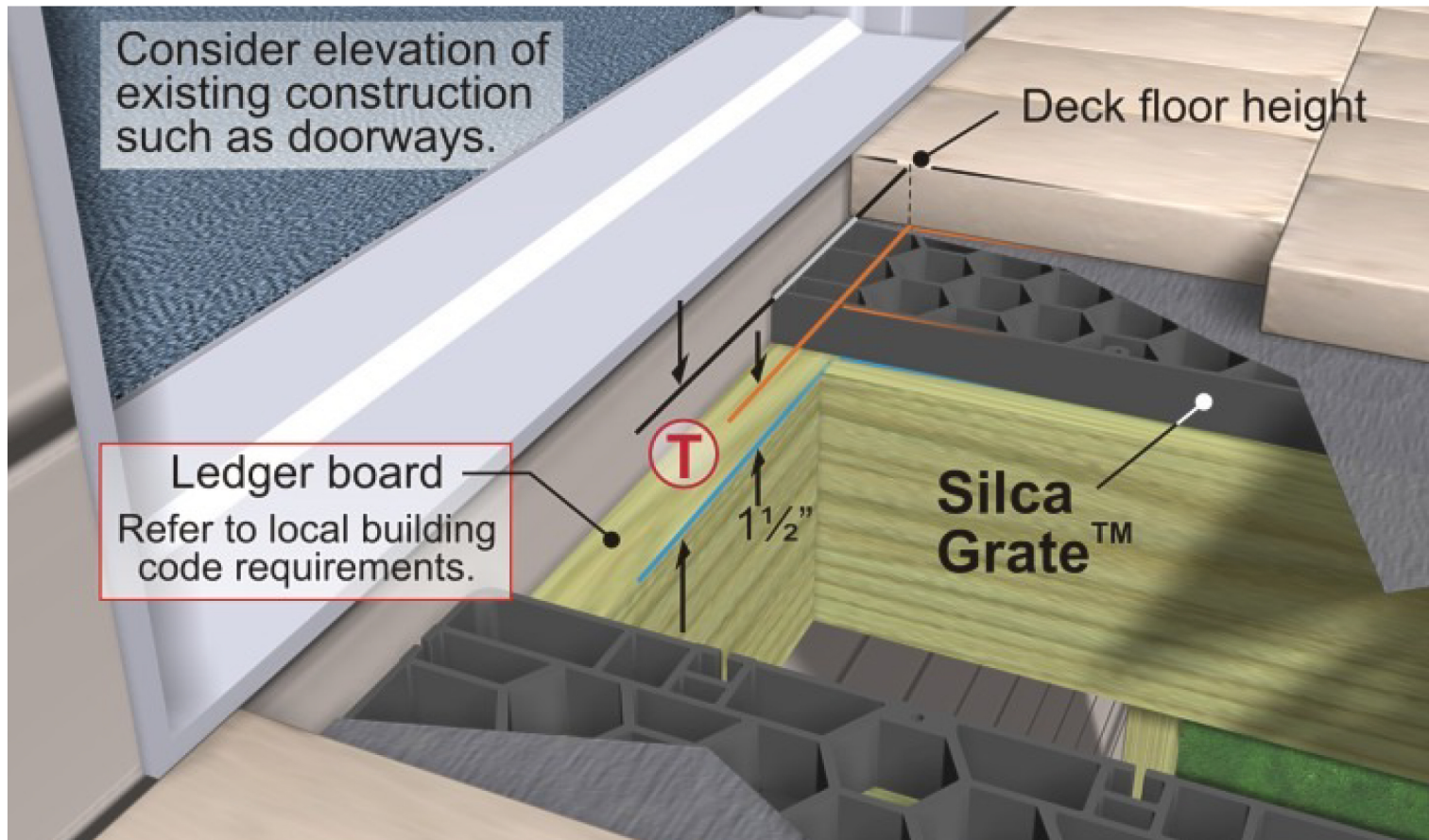
Determine Thickness of Deck Material

- Add 1½" for Silca Grate™ thickness.



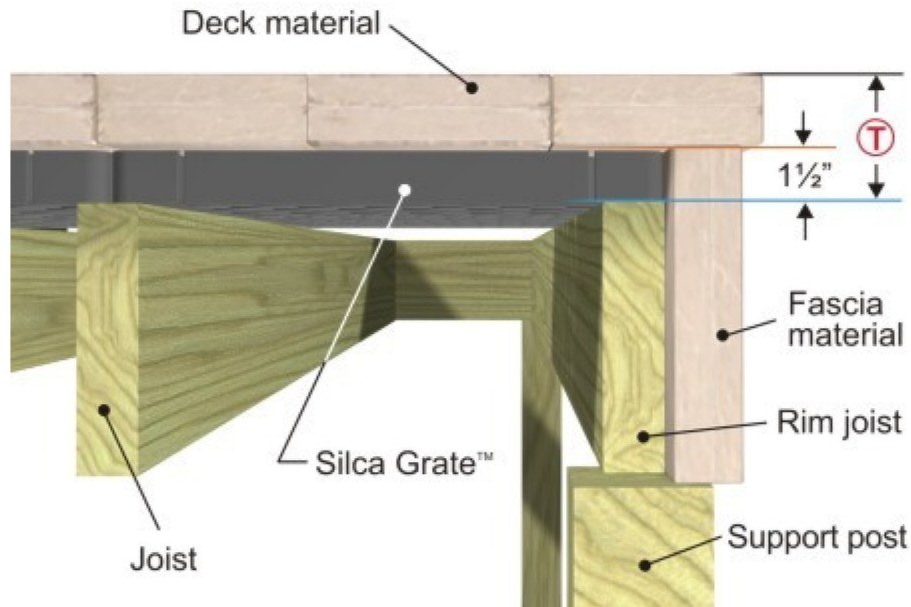
Preparation

- Establish finished floor elevation.
 - Allow for existing constraints such as doorway thresholds.
- Make plan of layout and pattern of deck materials (i.e. natural stone or brick pavers).

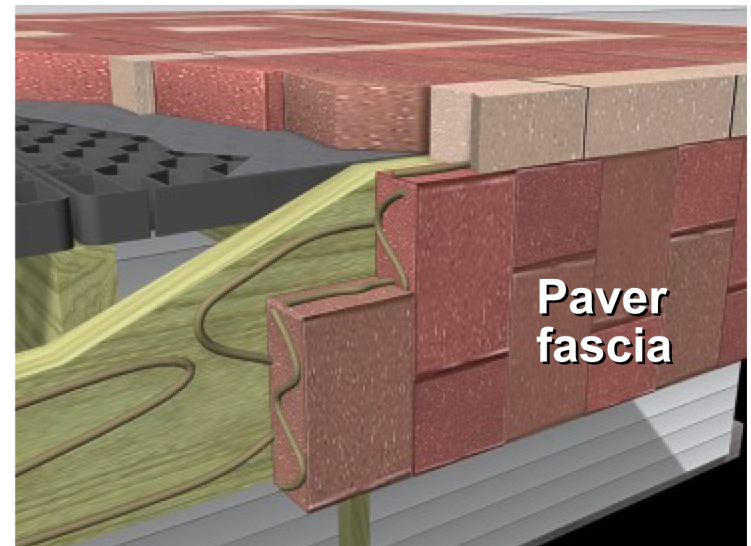


Rim Joist Fascia

- Natural stone or brick pavers.
- Composite fascia material.
- Pressure treated wood, cedar, redwood.
- Wrap with aluminum or vinyl.

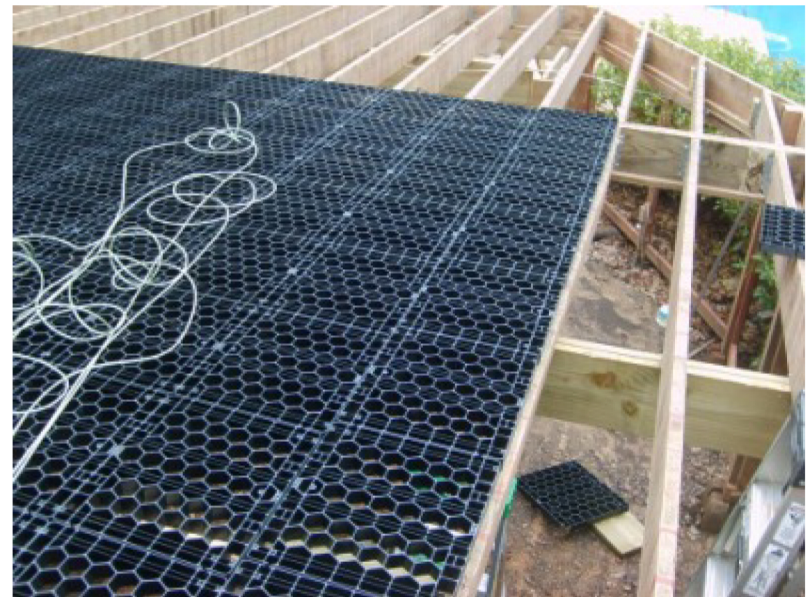
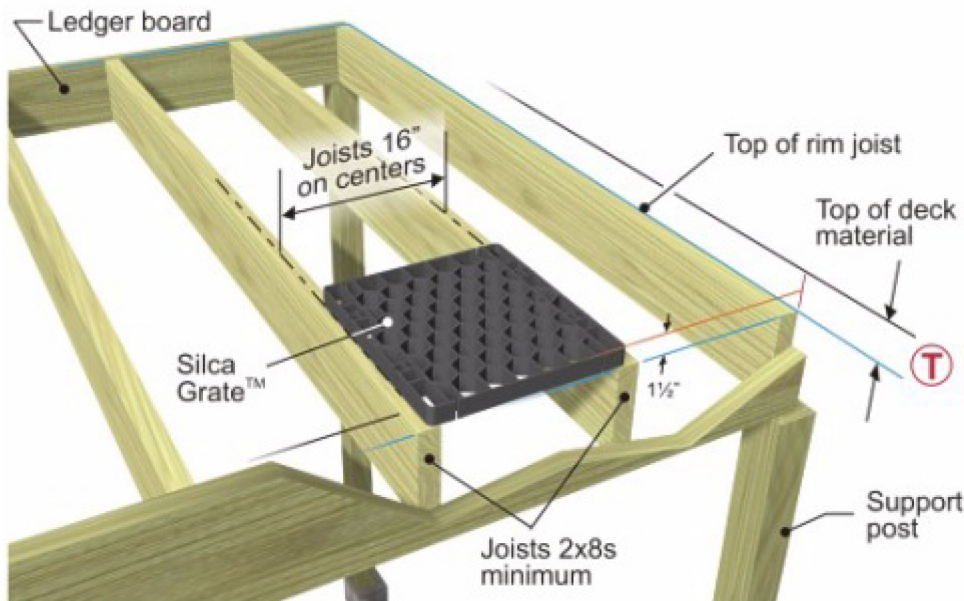


End of Joist (Front) View



Deck Construction

- Make plan of layout and pattern of deck materials (ie. natural stone or brick pavers).
- Build your treated lumber structure to the predetermined elevation (height).
- Assemble deck using 6' on center footing (or to local building codes) with joists spaced 16' on center. 2x8 are acceptable 2x10 are better.



Silca Grate™ Placement

- Place Silca Grate™ on deck joists. Staggering grate joints improves overall strength of installation.



Silca Grate™ Attachment

- Attach Silca Grate™ to joists using 4 coated #9 3" deck screws.



Complete Silca Grate™ Installation

- Install Silca Grate™ over desired area.



Install Geotextile/Landscape Blanket

- Install 3.1 oz. non-woven geotextile/landscape blanket over Silca Grates™ if polymeric sand is to be used in construction.



Test Install for Fit

- Now is the best time to test install your choice of decking to check for pattern and material fit and trim.



Complete Installation of Decking Material



Fill All Joints of Decking Material with Polymeric Sand*



*See next page for polymeric sand application tips.

Polymeric Sand Application Tips

- Check weather forecast to allow for 12 hours of curing time without precipitation.
- Pour Polymeric sand into all joints from bag.
- Use broom to ensure all joints are filled with sand.
- Excess sand on the surface of the decking material can be removed using a wet/dry vacuum or leaf blower *LIGHTLY*. Be sure all joints remain filled with sand.
- Lightly mist polymeric sand and entire deck material surface using a garden hose or mister. Be sure all joints are saturated.
- Repeat misting 3 times.

Enjoy Your New Deck!



Let Us Know...

We enjoy receiving pictures and descriptions of your StoneDeks Systems Silca Grate installations and your finished decks. We can also always use your feedback and ideas from your installation experience.

You can contact us at sales@StoneDeks.com