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Tile Tech, Inc.
4730 E. 26th Street
Vernon, CA 90058

Attn: Ronnie Tabibnia
(213) 380-5560 ext.701

RESEARCH REPORT: RR 25746
(CSI #10270)

Expires: January 1, 2022
Issued Date: January 1, 2020
Code: - 2017 LABC

GENERAL APPROVAL – Technical Modification and Renewal - Tile Tech Pavers Pedestal System and IPÉ Wood Tile on Hybrid Pedestals.

DETAILS

Tile Tech Concrete system is composed of 20 inch by 20 inch by 2 inch thick hydraulically pressed concrete pavers supported by an adjustable pedestal system.

Tile Tech Concrete Pavers are a modified concrete tile composed of crushed granite, cement and sand hydraulically pressed to produce a high psi strength paver.

Tile Tech Porcelain Pavers are composed of 24 inch by 24 inch by 3/4 inch thick porcelain designed for use in conjunction with raised pedestals and deck support systems.

Tile Tech Pedestal is composed of a uni-base, cap, insert, collar, shims and buffer pad.

Tile Tech Hex-Tray is composed of a honeycomb structural tray system, used for additional support for heights above 12" for use with Porcelain Pavers.

The components of the Tile Tech Pedestals have been tested in accordance with UBC Standards for plastic materials classification and classified as CCI.

IPÉ wood tiles are constructed from kiln dried 1x3 IPÉ wood face slats secured to 3 IPÉ wood support runners (battens) using corrosion resistant stainless steel screws. The IPÉ wood tiles are available in the following dimensions: 20" x 20" x 1-1/2", 24" x 24" x 1-5/8" and 24" x 48" x 1-5/8" (Custom Size).

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Tile Tech Pavers
Re: Tile Tech Pavers Pedestal System

Tile Tech IPÊ wood tiles have a flame spread index and smoke developed index of 20 and 400 respectively when tested in accordance with ASTM E84.

The IPÊ wood tiles meet the requirements for a "Class A" flame spread requirements when tested in accordance with ASTM E108.

The approval is subject to the following conditions:

1. The Tile Tech IPÊ wood tiles shall be installed only in areas where combustible materials are permitted by the 2017 Los Angeles Building Code.
2. The seismic stability shall be provided by detailed confinement details of the boundary of the Tile Tech Pavers System. Roof plans and confinement details shall be prepared by a CA licensed engineer or architect and submitted to structural plan check for review and approval.
3. The height of the pedestal shall be limited to maximum 54". For pedestal heights greater than 24" the use of the lateral bracing is required per the attached detail.
4. Structural observation shall be provided for the confinement of the boundary construction.
5. The materials delivered to the job site shall be identified by the manufacturer's name (Tile Tech, Inc.), the component name, RR 25746, and the name of the quality control agency.
6. The installation shall be in accordance with Tile Tech Pavers' installation manual and this report. A copy of the installation manual shall be provided on the job site.

DISCUSSION

The technical modification is to modify the pedestal height.

The report is in compliance with the 2017 City of Los Angeles Building Code.

The approval is based on tests. Test data is on file with the Building Research Section.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

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This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.



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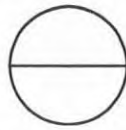
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Attachment: Tile Tech Lateral Bracing System Detail (1 Page).

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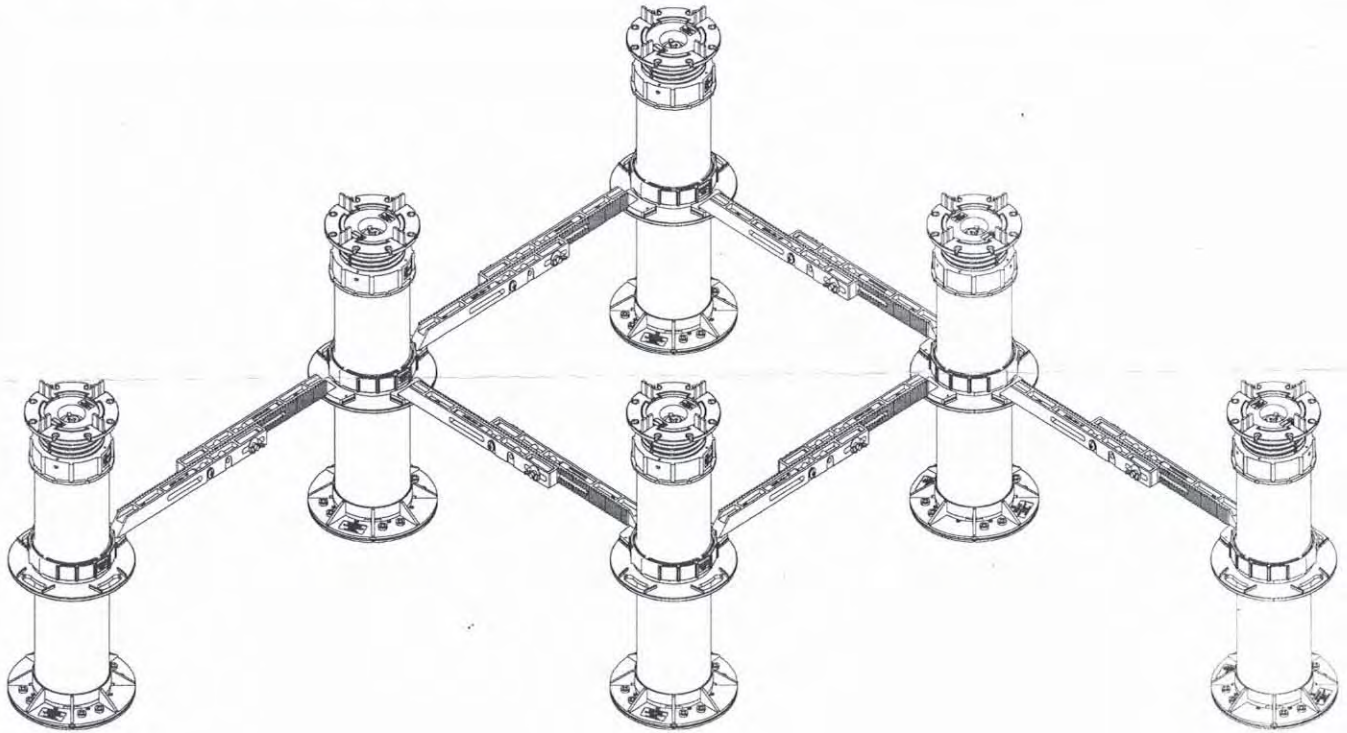


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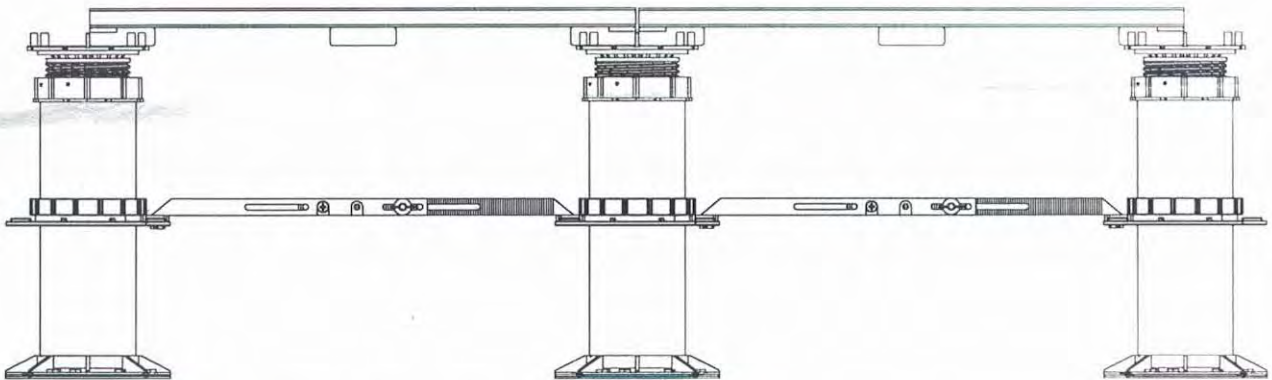
LATERAL BRACING SYSTEM

TRANSITION, ALIGNMENT & LOCK DOWN DETAILS



Patent Pending

LATERAL BRACING SYSTEM - PROFILE VIEW



GENERAL NOTES: APPLY TO ALL OF THE ABOVE PRODUCTS

1. INSTALLATION MUST BE COMPLETED IN ACCORDANCE WITH TILE TECH PAVERS PRODUCT SPECIFICATIONS.
2. DRAWING NOT TO SCALE.
3. USE OF BUFFER PADS IS MANDATORY.
4. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.TILETECHPAVERS.com