

# Technical Bulletin

## UNIFIED STEEL™ ROOF LOAD

**Issued:** November, 2020

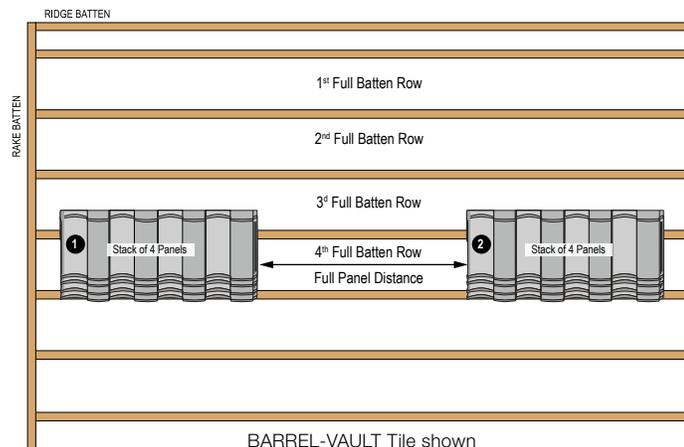
**Revision:** April, 2022

**Purpose:** To provide a supply of available panels for installation of roof.

**Note:** All Unified Steel™ profiles are loaded similarly with exception to GRANITE-RIDGE Shingle. PINE-CREST and PACIFIC Tile may be loaded working either right-to-left or left-to-right, while BARREL-VAULT Tile, COTTAGE Shingle, and GRANITE-RIDGE Shingle are to be loaded to install left-to-right.

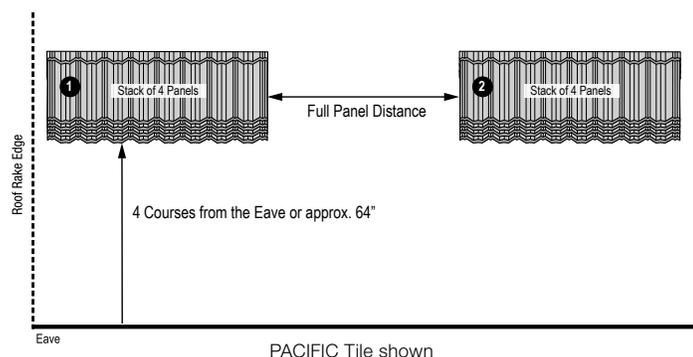
**Procedure for Batten installs:** (Instructions are shown left-to-right install.)

1. The first stack of four panels loaded on the roof should be positioned on the fourth full batten row from the ridge, with the panel nose facing up the roof. (It is not recommended to stack more than 10 panels in any one stack.)
2. Working across the roof, position similar stacks, leaving a space equal to one full panel length between each stack.
3. Subsequent rows are stacked on every fourth panel batten row, down the roof.



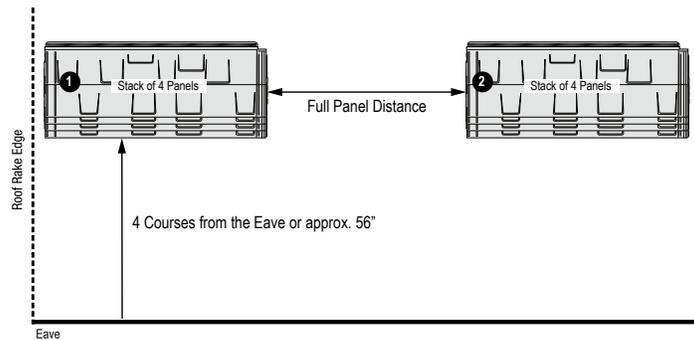
**Procedure for Direct-to-Deck installs:** (similar to Batten installs but the spacing will be an approximation of the spacing and working from the bottom.)

1. The first stack of four panels loaded on the roof should be positioned approximately four courses up, from the eave. The panels nose is to face up the roof. (It is not recommended to stack more than 10 panels in any one stack.)
  - a. In steep roof applications, a nailer should be installed to prevent panels from slipping down the roof.
2. Working across the roof, position similar stacks, leaving a space equal to one full panel length between each stack.
3. Subsequent rows are stacked every four courses or approximately 64" apart, up the roof slope.



**Procedure for GRANITE-RIDGE Shingle installs:** (similar to Direct-to-Deck install, left-to-right only)

1. The first stack of four shingles loaded on the roof should be positioned approximately four courses up, from the eave, working from the left to the right. The shingles nose is to face up the roof. (it is not recommended to stack more than 12 panels in any one stack.)
  - a. In steep roof applications, a nailer should be installed to prevent panels from slipping down the roof.
2. Working across the roof, position similar stacks, leaving a space equal to one full panel length between each stack.
3. Subsequent rows are stacked every four courses or approximately 56" apart, up the roof slope.



**Caution: (all profiles)**

- If the panels are to be left uninstalled overnight, securing or strapping of the individual stacks, to keep the panels together, is recommended.
- Set, DO NOT drop, stacks of panels onto the structure. Dropping from heights over 12" may damage the underlayment and mar the granule surface of the panels in the stack.