

Pinkwood's WEBSHIELD®

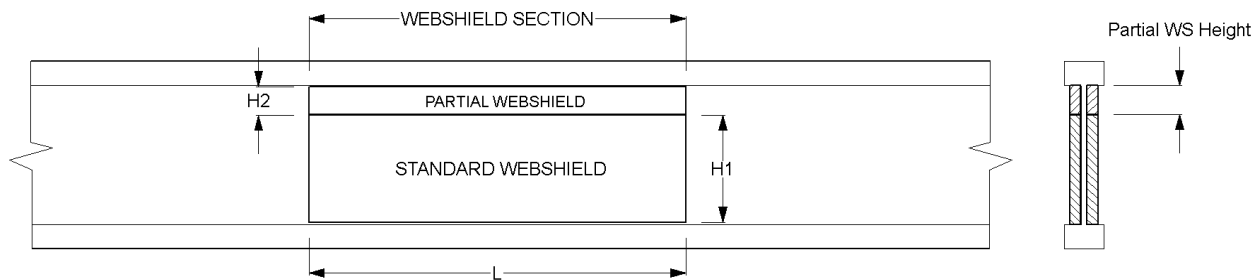
Multi-Shield Abutment Allowance

Stacked WEBSHIELD allowance

While SafeJoist -FRI Assemblies (PKI Series I-joists with WEBSHIELD) typically come in depths of 9-1/2", 11-7/8", 14" and 16" occasions will arise when shorter webshields are available but need to be stacked to produce the appropriate height. When this occurs, it is permitted to stack WEBSHIELD panels to achieve the required web protection within the 24" long section of the joist web.

An example of this would be as follows:

The PKI Series I-joist used for the floor system is a 14" PKI-20 Series. The WEBSHIELD panels available are the WS-10 used for 9-1/2" deep joists. Since ALL WEBSHIELD panels are 24" in length, (1) whole WEBSHIELD and (1) horizontally cut partial WEBSHIELD panel can be affixed to the joist. See below detail and sizing chart for requirements.



Stacked WEBSHIELD Allowance Table										
WEBSHIELD Panel (WS)			PKJoist Depth							
			9-1/2"		11-7/8"		14"		16"	
			Full WS ⁽¹⁾	Partial WS ⁽²⁾	Full WS ⁽¹⁾	Partial WS ⁽²⁾	Full WS ⁽¹⁾	Partial WS ⁽²⁾	Full WS ⁽¹⁾	Partial WS ⁽²⁾
Part No.	Length (L)	Height (H1)	Qty	Height (H2)	Qty	Height (H2)	Qty	Height (H2)	Qty	Height (H2)
WS-10	24"	6-7/16"	1	N/A	1	2-3/8"	1	4-1/2"	2	N/A
WS-12	24"	8-13/16"	1	N/A	1	N/A	1	2-1/8"	1	4-1/8"
WS-14	24"	10-15/16"	1	N/A	1	N/A	1	N/A	1	2"
WS16	24"	12-15/16"	1	N/A	1	N/A	1	N/A	1	N/A

Installation Notes

1. Full Height Standard WEBSHIELD panels can be cut down to fit smaller joist depths.
2. Partial WEBSHIELD panels can be horizontally cut from other WEBSHIELD panels.
3. Attach partial WEBSHIELD panels with (3) staples as indicated in IAPMO ER-0431 Section 3.3.2.2

If you have any questions, please contact PK-USA for details.

