

USER GUIDE

Stork Technology – Test Method: OSHA 1926.451 and ANSI A10.8 NexGenPlank Composite 1.5” x 9.5” Exceeds Applicable Codes

Load Type	Support Span (feet)	Applied Load (lbs)	Load Application	Allowable Deflection Span/60 (inches)	NexgenPlank Deflection at Test Load (inches)
3 Man Load	5	750	Center and 18” either side	1	.5
3 Man Load	7	750	Center and 18” either side	1.4	1.25
2 Man Load	10	500	18” either side of center	2	1.8
1 Man Load	10	250	Center Only	2	1.3
* NexgenPlank meets the <u>heavy-duty</u> rating of minimum 75 psf for 7’ spans or less.					
* NexgenPlank meets the <u>medium-duty</u> rating of minimum of 50 psf for 10’ spans or less.					

Scaffold Industry Association - Code of Safe Practices for Planking

- Working platforms shall cover scaffold bearer as completely as possible. Only scaffold grade wood planking, or fabricated planking and decking meeting scaffold use requirements shall be used. Planks and platforms should rest on bearers.
- Check each plank prior to use to be sure plank is not warped, damaged, or otherwise unsafe.
- Planking shall have at least 12” overlap and extend 6” beyond center of support, or be cleated or restrained at both ends to prevent sliding off supports.
- Solid sawn lumber, LVL (laminated veneer lumber) or fabricated scaffold planks and platforms (unless cleated or restrained) shall extend over their end supports not less than 6” nor more than 18”. This overhang should be guard railed to prevent access.

Inspection

- NexgenPlank should be thoroughly inspected by a qualified person prior to each use.
- Look for damage from abuse, improper chemical exposure, saw cuts, overloading or disfigured by dropping or heavy equipment.
- Remove from service if damage is detected or cut to next size of non-damaged length.
- Visual inspection along with proper cleaning, handling and storage are best safe practices for longevity of composite planks.
- Maintenance
- Power wash with plain water for excess debris as needed.
- When cutting planks make sure to wear gloves, safety glasses, ear protection and dust masks. Use a standard diamond tip blade or Freud Diablo 60T Hi-Density Carbide blade. A circular saw with vacuum is preferable.
- Planks that have been cut can be sealed as necessary to avoid corrosive chemicals coming in contact with fibers.
- Planks may be stored outside, but keep planks stacked in bundles off the ground.
- Keep bundles supported in length with dunnage under each end - not exceeding 8'-0".
- Place dunnage under each end and at mid-span for 16' lengths.
- Dunnage should be big enough to allow fork lift tongues to make lifts without damage to plank.