

PRODUCT APPLICATION

BackIt® provides a solid backing solution to support handrails, wall-mounted shelving, and other equipment. Installation is greatly simplified through a simple screw connection to the stud flange, delivering a flexibility for use in 12", 16", and 24" stud spacing. Shelf tabs hold a variety of wood backing sizes and shapes, including 1" x 6", 2" x 4", and 2" x 6", in place during installation. BackIt® exceeds code-required allowable load resistance of 250lbs in the vertical and horizontal directions.

MATERIAL COMPOSITION

ASTM A653/A653M, Grade 33 (230), 33ksi (230 MPa) minimum yield strength, 45ksi (310 MPa) minimum tensile strength, G-60 (Z180) hot-dipped galvanized coating. Material thickness = 33mil (20 gauge, 0.0346" design thickness).

QUANTITY / ORDER INFORMATION

Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
BackIt®	50	12.65	2250	570

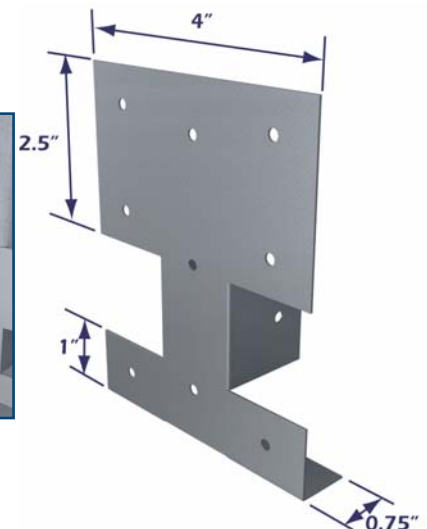
BACKIt® INSTALLATION



Place clip flush against wall stud flange and attach to stud with required amount of approved fasteners. Fastener amounts may vary by application.



Rest wood piece on shelf legs and attach to clip with required number of screws through guide holes. For higher loads, attach BackIt® to the stud web through a guide hole in the interior leg.



ALLOWABLE LOADS

IBC (International Building Code) and OSHA (Occupational Safety and Health Administration) load requirements include the ability of wall backing to resist a minimum of 200lbs of concentrated load, or 50lbs per linear foot in any direction. BackIt® satisfies the load requirements in vertical (F3) and horizontal (F2) directions. Extra testing has been done in the rotational (M1) direction. Product test reports are available upon request. Contact TSN Technical Support at (888) 474-4876 for more information.



BACKIt® VALUE

- ◆ Guide holes for stud and wood attachments
- ◆ Shelf tabs to rest wood upon during installation
- ◆ No pre-determined stud layout
- ◆ May be used with multiple sizes of wood
- ◆ Resists load in the directions recommended by codes

LOAD DIRECTION

