



Broaden Worldwide Co., Ltd is an ISO 9001:2015 Certified Manufacturer. Our headquarters are in Taiwan and we operate sales and marketing offices in India and Thailand. Founded in 2009.

Broaden uses wire from CSC Taiwan for all of our fastener production. Our production consists of the three most critical steps of fastener pre-production – heading, pinch pointing, and threading.

Post processes such as Heat Treatment, Plating, and Rustpert coating are outsourced to professionals in their respective fields.



BDN FASTENERS® HEADQUARTER (TAIWAN)

Broaden Worldwide Co., Ltd

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Polycarbonate Roofing Fasteners

100% Made in Taiwan

Polycarbonate Roofing Fasteners

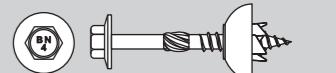
POLY-FAST™ is offered in 3 different versions:

POLY-FAST™ Metal



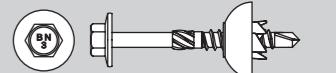
Fixing Polycarbonate Skylight to Steel
Specification: #12-14 X 60mm

POLY-FAST™ Timber



Fixing Polycarbonate Skylight to Timber
Specification: #12-11 x 50mm

POLY-FAST™ Duo

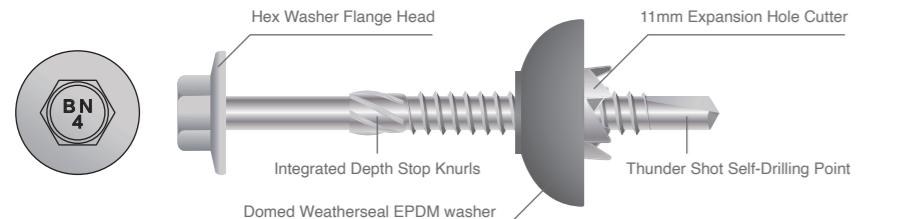


Dual purpose, fixing Polycarbonate Skylight to Metal and Timber.
Specification: #12-11 x 50mm

100% Manufactured in Taiwan in our own factory.

POLY-FAST™ Metal

Fixing Polycarbonate Skylight to Steel



Product Code
SDHXPS12060C4

Specification
#12-14 X 60mm

Steel Penetration
Max 4.5mm thick

Product Features

- Hex Washer Flange Head
- Integrated Depth Stop Knurls
- 11mm Expansion Hole Cutter
- Thunder Shot Self-Drilling Point

Washer
Domed, Weatherseal, Anti-static EPDM Washer

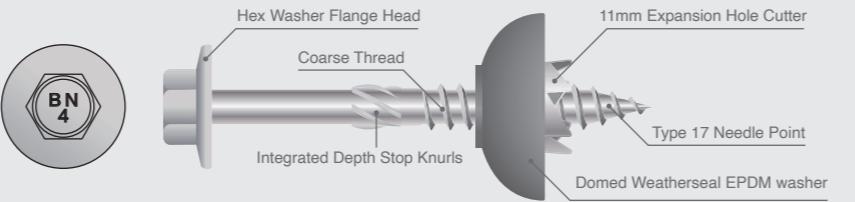


Corrosion Resistance
True Australian Standard Class 4 Coating (C4)



POLY-FAST™ Timber

Fixing Polycarbonate Skylight to Timber



Product Code
T17HXPS1250C4

Specification
#12-11 X 50mm

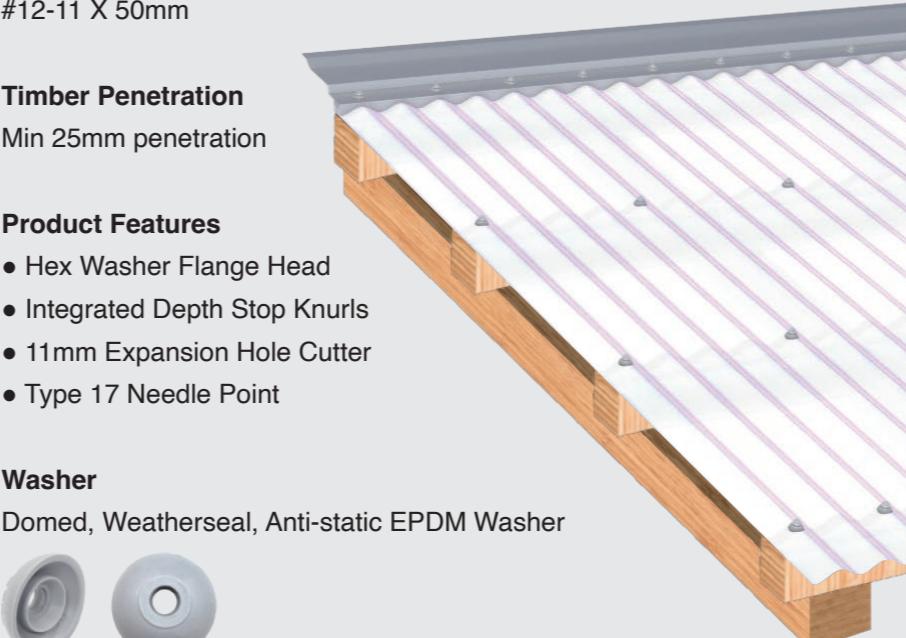
Timber Penetration
Min 25mm penetration

Product Features

- Hex Washer Flange Head
- Integrated Depth Stop Knurls
- 11mm Expansion Hole Cutter
- Type 17 Needle Point

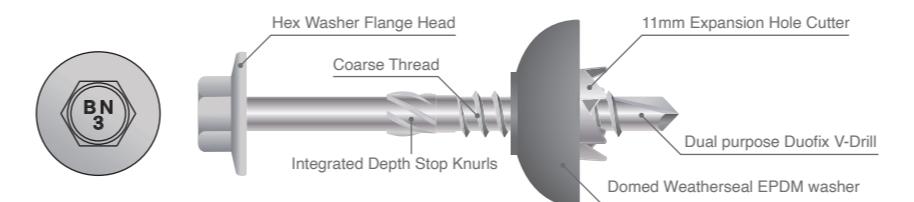
Washer
Domed, Weatherseal, Anti-static EPDM Washer

Corrosion Resistance
True Australian Standard Class 4 Coating (C4)



POLY-FAST™ Duo

Dual purpose, fixing Polycarbonate Skylight to Metal and Timber.



Product Code
BN3-S17HXPS1250C3

Specification
#12-11 X 50mm

Product Features

- Hex Washer Flange Head
- Integrated Depth Stop Knurls
- 11mm Expansion Hole Cutter
- Dual purpose Duofix V-Drill

Washer

Domed, Weatherseal, Anti-static EPDM Washer

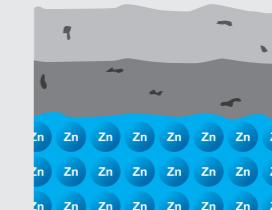


Corrosion Resistance
True Australian Standard Class 3 Coating (C3)

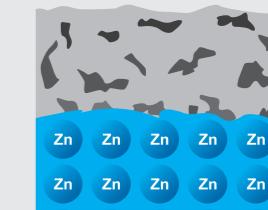


Test Certificates - Surface Treatment

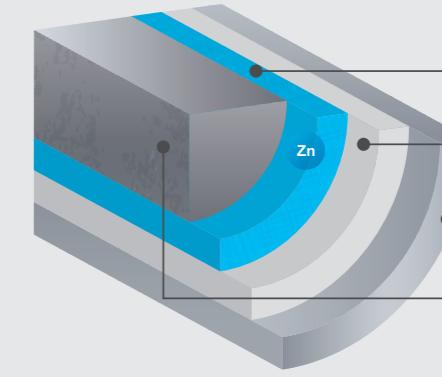
BDN® Ruspert Coating consists of multiple layers of specially formulated coatings that can easily withstand 1000hrs of salt spray test (AS 2331.3.1-2001), and 15 Kesternich cycles (DIN50018 2.0 SFW).



BDN® Ruspert Coating

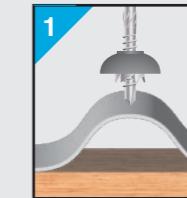


Conventional Coating

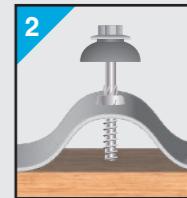


Special Zinc Treatment:
Salt Resistant Base Coat
Acid Resistant Topcoat
Carbon Steel

POLY-FAST™ Polycarbonate roof fasteners save 50% of labor time – creates a perfectly round 11mm expansion hole, and fix sheets in one go. A fool proof design for both beginners and professionals.



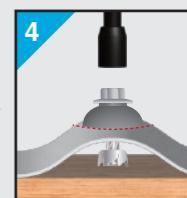
Saves 50% of labor time, create a perfectly round expansion hole, and fix sheets in one go.



A perfectly round nominal 11mm diameter hole is created by the Thermal Expansion Hole Cutter during the process.



The Expansion Hole Cutter works in combination with the Depth Stop Knurls, and prevents overdriving of the screw after touching the purflin.



A large Domed Weatherseal EPDM washer with two concentric sealing rims on the washer underside completes the package.