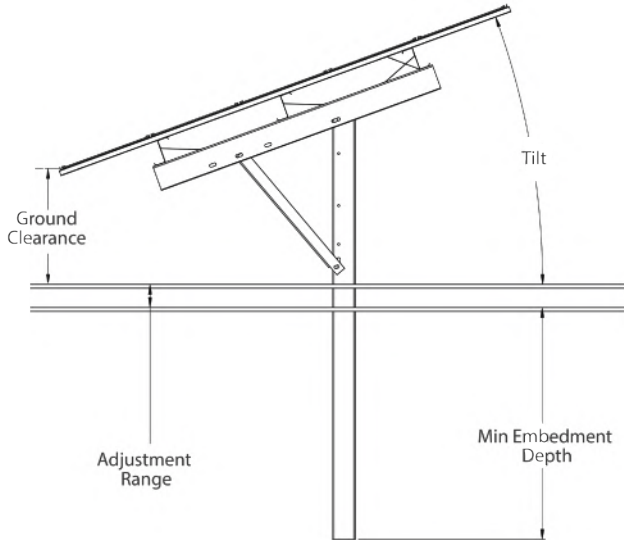


# Max-Span™ Thin Film



## Technical Data Sheet



Industry's best quality, test & certification and bankability

Industry's longest spans and fewest foundations: as few as 269 per MW

Post/Beam/Brace assembly has industry's lowest part count and fastest assembly

Articulating purlin connections to navigate up to 15% terrain slopes

Supports all thin film modules including First Solar®

Rugged design enables 150 mph wind and 60 psf snow loads

Turnkey install, pull test and geotech services available

Wind tunnel tested by industry leader CPP



## Technical Data Sheet



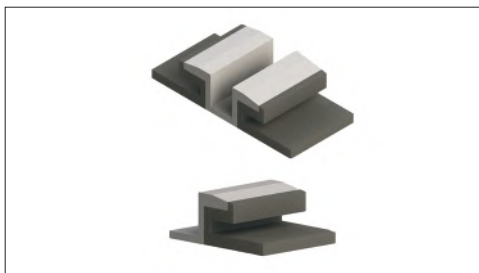
Max-Span™ thin film with 5up thin film panel



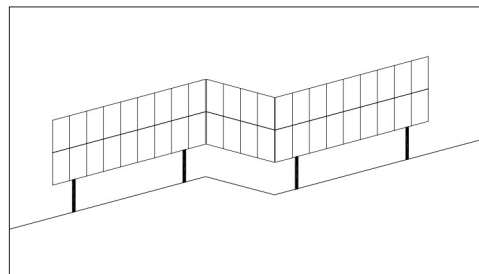
Rugged beam and brace rapidly attach to GameChange StickyPile™ with just six bolts



I beam available as alternate foundation



Clamps mount using rivets, T bolts or allen bolts



Articulating purlins between tables allows up to 15% east-west terrain slopes

### Features

Supports all thin film modules including First Solar

Up to 4 ft. ground clearance eliminates snow & vegetation shading issues

Galvanized Z purlins have integrated trays for easy wire management

5 to 35° tilt with multiple inter-row spacing options

Stamped layout & engineering analysis for every project

Rugged beam and brace rapidly attach to StickyPile™ with just six bolts

W6x7 HDG I beam option also available

GameChange thin film system has 60% fewer foundations than other First Solar racking, enables faster install (as few as 269 piles per MW vs 803 piles for other vendors)

### Test & Certification

- Meet IBC and ASME standards for structural loading
- ETL / UL 2703 tested
- Independent assessment by Black & Veatch
- Warranty 20 years
- Wind tunnel tested by industry leader CPP

### Calculations

- 100% code compliant designs for any locality
- Third-party structural PE, stamped drawings and calculations
- Available 5up to 10up thin film panels
- Individual system structural calcs based on regional load values
- Design loads according to IBC 2006 or 2009

### Pull Test, Geotech & Installation Services

- Free pull test on orders over 5 MW
- Vertical and lateral resistance of the post is determined by pull test
- Test data is then analyzed by our in-house engineering team in parallel with geotechnical report to give the best and most accurate information for embedment depth and post type
- Turnkey installation of piles, racks and modules available

### Material

- Posts: G235 galvanized steel (HDG ASTM123 option also available), I-Beam: HDG
- Galvanized purlins, NS beam, brace: G90 galvanized steel
- Star washer or ETL / UL top mount teathed panel clamp: stainless steel
- Associated hardware: magnacoat 3/8", 1/2" and 3/4" x 1" hex or serrated flange hex bolts, 3/8", 1/2" and 3/4" serrated flange nuts HDG or magnacoat, 3/4" washers: stainless steel 1/4" - 20 serrated flange nuts, 1/4" - 20 x 3/4" hex bolts
- Panel mounting hardware: 1/4" - 20 x 3/4" hex bolts, 1/4" - 20 x 3/4" allen bolts, 1/4" - 20 x 3/4" T-bolts all with 1/4" - 20 serrated flange nuts, or 1/4" rivets: stainless steel(or magnacoat)