Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/07/17

OMG

PowerGrip™

ROOF MOUNT SYSTEM

OMG PowerGrip

Scan the code to see a PowerGrip installation video!

OMG PowerGrip Plus
3x the performance!

Secure, Watertight Structural Attachment System

Don't rip it! Grip it! OMG PowerGrip™ is a roof mount system designed to secure ballasted solar racks and other equipment to roofs covered with single-ply (TPO, PVC and EPDM) roofing membranes.

PowerGrip provides a secure connection directly to the roof deck or structural members, thereby taking the wind load off of the membrane or roof cover and onto the structural deck where it belongs. Once secured in place, properly installed PowerGrips can help to eliminate rack movement and remain watertight.

FEATURES & BENEFITS

- Properly installed PowerGrips provide a secure anchor to the roof deck and remain watertight.
- Simple installation process saves time and labor.
- Compatible with most TPO, PVC and EPDM membranes.
- Helps protect single-ply roof covers from damage due to ballasted rack movement.
- Wide flange is easy to weld in place on thermoplastic roof covers.
- 1⅝-in. (41mm) diameter x ½-in. (12mm) tall mount, provides optimal perch securing brackets or struts.
- Exposed 1-in. (25mm) tall x ⅜-in. (9mm) diameter bolt and mounting stand are made from corrosion-resistant stainless steel and aluminum alloy for superior long-term performance.
- Available in two sizes: regular PowerGrip and PowerGrip Plus.
- Takes the wind load off of the membrane and onto the structural deck where it belongs.

APPLICATION

PowerGrip mounts are designed for uplift and shear retention and are not intended to carry dead loads.

PowerGrip can also be used for many other roof mounted applications, including: pipe supports and hangers, step crossovers, electrical conduit, raceways, satellite dishes, small antennas and HVAC applications, among others.

PowerGrip units are typically installed with one of the following OMG Roofing Product Fasteners based on the specific deck type and roofing application.

- OMG XHD® Roofing Fastener (#15)
- OMG RetroDriller Fastener
- OMG Heavy Duty Roofing Fastener (#14)

Visit OMGRoofing.com for specific fastener details, sizes, specifications and packaging information. Some sizes of XHD Fasteners are also available in 100-packs for PowerGrip installation. Always consult the roofing system manufacturer prior to installation.

OMG ROOFING PRODUCTS

Based on EcoFasten Solar technology, U.S. Patent No. 8,683,751.

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PERFORMANCE

PRODUCT	TEST	TEST METHOD (in gen. accordance with)	RESULTS
PowerGrip	Tensile Strength	ASTM 1761-06	305 lbf. (1.35 kN) min.
PowerGrip	Shear Strength	ASTM 1761-06	305 lbf. (1.35 kN) min.
PowerGrip Plus	Tensile Strength	TAS 117-95 (A)	2000 lbf. (8.90 kN) min.
PowerGrip Plus	Shear Strength	ASTM E488-96	1075 lbf. (4.78 kN) min.

ORDERING INFORMATION

SKU	DESCRIPTION	PACKAGING	WEIGHT LBS (KG)
Call OMG Customer Service for membrane specific SKU: 800·633·3800	PowerGrip	20	10.5 (4.73) / case
	PowerGrip PLUS	8	16 (7.2) / case

All sizes are nominal.

DIRECTIONS

Only technicians trained in single-ply roof installation should install this product.

Always check with roof system manufacturer for installation criteria and written acceptance of the intended application prior to installation. Failure to do so could **void the roof warranty.**

PREPARE

1. Mark location where PowerGrip is to be installed. Prepare membrane surface at each location following roof system manufacturers' requirements.

DRIVE

2. Install recommended fastener through the roof and deck (min. deck penetration ¾-in. [20mm] for steel, 1-in. [25mm] for wood) using the depth gauge provided, and allowing the fastener head to sit firmly on the gauge card. Do not overdrive.

ALIGN

3. Locate the notch on the perimeter of the PowerGrip flange and note how it aligns with the plate on the underside of the PowerGrip.

SLIDE

4. Slide the assembly over the head of the fastener to position the PowerGrip in the proper location.

DRIVE*

4A. *PowerGrip Plus only. Lift the flange and install eight additional fasteners through the PowerGrip Plus plate, hitting the top flutes. ***Do not fold or crease the membrane during fastener installation.***

WELD

5. Thermoplastic materials: Heat weld the flange of the PowerGrip to the manufacturer's specifications and seal cut edges as required.

EPDM rubber: Prime existing EPDM as required by membrane manufacturer. Remove two-sided tape release liner; roll into place immediately. Complete installation per EPDM manufacturer's cut edge requirements.

For more information, contact your local OMG sales representative, call 800·633·3800 or visit www.OMGRoofing.com.

OMG is a leading U.S. supplier of roofing fasteners, roof insulation adhesives, retrofit roof drains, pipe supports, engineered edge metal systems and rooftop productivity tools. Our products are available nationwide through a network of roofing distributors, and supported by our national network of direct factory sales personnel.

OMG ROOFING PRODUCTS
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Superior productivity.
Superior performance.

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