

Pro Fit[™] Pocket Penetration Sealant System

1. PRODUCT NAME:

Geocel Pro Fit[™] Pocket Penetration Sealant System

2. MANUFACTURER:

GEOCEL, LLC
P.O. Box 398
Elkhart, IN 46515 USA
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3. SYSTEM DESCRIPTION:

Geocel Pro Fit[™] Pocket Penetration Sealant System is a universal, worry-free solution that's high in value and low in waste. The flexible pocket is easily shaped to fit around even the most challenging configuration without the complex cutting or assembling found with other systems. Each system contains enough materials to install a single large pocket or multiple, smaller pockets. The unique packaging includes a shoulder strap that allows the complete system to be safely carried up the ladder, hands free, to the roof. Geocel Pro Fit System seals roof penetrations on EPDM, TPO*, PVC*, BUR, metal, asphalt, and other roofing substrates. It installs in under 15 minutes with no flashing, priming*, or complicated roof expertise required. The Geocel Pro Fit System package includes a 56" Pro Fit Pocket, one 10 fl. oz. cartridge of GeoGreen 4500[®] Roof Bonding Sealant in black, either one or two 2-liter pouches of 4515[®] Pitch Pan & Repair Sealant in black, four self-tapping screws, and a troweling tool. See back for various configurations and number of pockets per system.

COMPONENT DESCRIPTION:

Pro Fit Pocket is extruded from advanced PVC specifically designed for rigorous



weather and roof movement conditions. Even in extreme temperature ranges, the pocket will not crack or degrade. Available in black, it is offered in 2" or 4" heights.

GeoGreen 4500[®] Roof Bonding Sealant is a premium Scypolymer[®] one-component, proprietary, non-solvent bonding sealant specifically designed for roofing applications and systems. The advanced technology of GeoGreen 4500 Sealant results in a product that immediately withstands ponding water and bonds to many common roofing substrates.

4515[®] Pitch Pan & Repair Sealant is a semi-self-leveling Scypolymer sealant that requires no mixing and can be used in damp or dry conditions. Simply pour it in place and it cures to form a weather resistant, permanent seal for pitch pans and roof membrane repairs.

Product Benefits:

- Highly cost effective system with minimal waste
- Universal; fits penetrations that pre-fabricated pockets and pans can't

- Can be installed in wet conditions
- Convenient, complete system
- Create single or multiple pockets from one system
- Easy, worry-free installation
- Easy-to-carry package with shoulder strap

Basic Uses:

- Sealing penetrations on roofs
- GeoGreen 4500 Sealant and 4515 Sealant can also be used for roof repairs to EPDM lap seams, scrim edges, tears, and holes on EPDM, TPO*, PVC*, and many other common roof substrates.

Packaging:

2" Geocel Pro Fit System: 56" x 2" Pro Fit Pocket, one 10 fl. oz. cartridge of GeoGreen 4500 Sealant in black, and one 2-liter pouch of 4515 Sealant in black, four self-tapping screws, and a troweling tool.

**When installing on TPO and PVC membranes, a primer must be used. Geocel recommends using 45P[™] Low VOC, TPO & PVC Primer for these applications.*



4" Geocel Pro Fit System: 56" x 4" Pro Fit Pocket, one 10 fl. oz. cartridge of GeoGreen 4500 Sealant in black, two 2-liter pouches of 4515 Sealant in black, four self-tapping screws, and a troweling tool.

Color: Black

Limitations:

- Do not apply below 30° F (-1° C)
- Do not apply to Hypalon or smooth APP modified bitumen membrane
- Do not use on TPO and PVC without a primer
- Do not store or install in temperatures of 30° F or below

4. SYSTEM INSTALLATION:

Before installing Geocel Pro Fit System on an existing roof, confirm whether or not a contractor or manufacturer's warranty is in effect. Installing this system on a warranted roof without prior authorization from those issuing the warranty may void it. If the existing roof system is covered by a warranty, be sure to obtain proper authorization prior to installation.

GeoGreen 4500 Sealant is used to seal around the roof penetration, bond the overlapping ends of the Pro Fit Pocket, and seal around the exterior perimeter of the Pro Fit Pocket. It can also be used to affix the Pro Fit Pocket to the roof surface in place of mechanical fasteners.

4515 Sealant is poured into the Pro Fit Pocket creating a 2" or 4" deep, weatherproof seal. To optimize full use of the kit materials, do not install Pro Fit Pockets with a gap greater than two inches between the pocket wall and penetration. Otherwise, additional sealant may be required.

See the Installation Instruction sheet for complete details.

Surface Preparation: For best results, ensure surfaces are clean, dry, sound, and frost-free, although some moisture will not interfere with the sealant's adhesion. Use a wire brush to remove all previously applied caulk, asphalt, pitch, cement, and other contaminants surrounding the penetration. Also be sure to remove

contaminants such as plastic cement and asphalt from roof penetrations and pipes. Brush away all loose debris before installing the system. If installing on TPO or PVC membranes, primer must be used to obtain proper adhesion. A recommended primer for these applications is 45P™ Low VOC, TPO & PVC Primer.

Application Temperature: 30°F to 120°F (-1°C to 49°C)

Service Temperature: -40°F to 200°F (-40°C to 93°C)

Application & Tooling: Apply system with conventional tools and equipment. Do not apply sealant system below 30°F as this can affect proper curing.

Cleaning: Remove sealant from caulk gun and tools before it cures. This may be done by scraping and use of solvents such as MEK (lacquer thinner), xylene, Toluol, or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

Storage & Handling: Upon receipt of the Geocel Pro Fit System, examine all packages for damage. If stored in an area subject to freezing temperatures, be sure to bring the sealant to room temperature 24 hours before use. Store Geocel Pro Fit System away from moisture.

Warning: Sealants contained within the Geocel Pro Fit System can be harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well-ventilated area. Avoid prolonged skin contact. **KEEP OUT OF REACH OF CHILDREN.**

5. AVAILABILITY AND COST:

Marketed throughout the U.S., it is available from various construction material and industrial distributors. Costs and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

For additional sealant information, visit us on the web at www.GeocelUSA.com

6. LIMITED WARRANTY:

Geocel, LLC warrants that the product is manufactured according to their published standards. The company guarantees for 10 years from the date of installation that Geocel Pro Fit Pocket Penetration Sealant System will protect against leaks. This warranty applies only when Geocel Pro Fit System is installed in accordance with Geocel's installation instructions and only when using Geocel materials as specified. Geocel, LLC will, at its option, either refund the purchase price of, or provide replacement for, that portion of the system which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel, LLC will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from this product, or the use or failure thereof, whether based on breach of warranty or negligence. This includes, but is not limited to: cost of labor to apply the product; damage to the roofing substrate and materials, affiliated structures and materials, and/or the interior contents of the building affected by any potential damage.

Details and information related to Geocel Pro Fit System are subject to change at any time without prior notice. Geocel, LLC does not assume any responsibility or involvement in the design or construction of the structure(s) where this product may be used. To that end, Geocel, LLC will not assume product performance responsibility when damage is caused by inferior design, construction, and/or installation of structure materials.

7. MAINTENANCE:

No maintenance should be required.

8. TECHNICAL SERVICES:

Geocel representatives throughout the U.S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

Pro Fit™ Pocket Penetration Sealant System

*The Most Universal, Best Value
Roof Sealant System Available*

Not all roof penetrations are the same...

So why use a rigid solution to seal different types of roof penetrations? Now there's a better solution – Geocel Pro Fit™ Pocket Penetration Sealant System.

Geocel Pro Fit™ Pocket Penetration Sealant System is a **universal, worry-free solution for sealing roof penetrations** all rolled into a single, easy-to-carry package. Unlike any other pocket system on the market today, the patent-pending Geocel Pro Fit System contains enough material to **install a single large pocket or multiple, smaller pockets**, resulting in greater efficiency and value. And it's backed by a manufacturer with a proven record in reliable performance.

Geocel Pro Fit System gives maximum value with minimal waste.

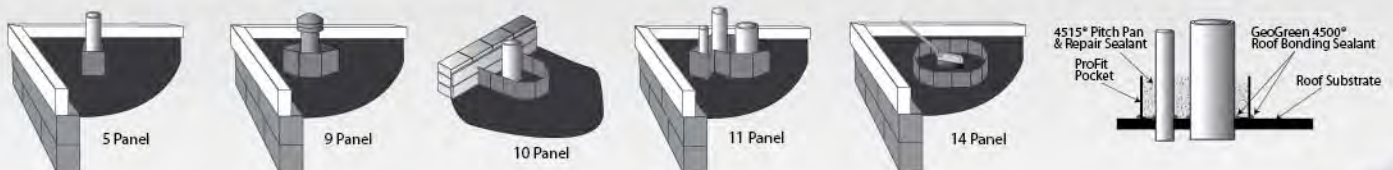
Use it on EPDM, TPO*, PVC,* BUR, metal, asphalt, and other roofing substrates. It installs in under 15 minutes with no flashing, priming*, or complicated roof expertise required.

The flexible pocket is easily shaped to fit around even the most challenging configuration without the complex cutting or assembling found with other systems. The unique packaging includes a shoulder strap that allows the complete system to be safely carried up the ladder, hands free, to the roof.



Each system is comprised of

- 56" Pro Fit Pocket
- One 10 fl. oz. cartridge of GeoGreen 4500® Roof Bonding Sealant in black
- Either one or two 2-liter pouches of 4515® Pitch Pan & Repair Sealant in black
- One trowel and 4 screws



- *Highly cost effective system with minimal waste*
- *Universal; fits penetrations that pre-fabricated pockets and pans can't*
- *Can be installed in wet conditions*
- *Convenient, complete system*
- *Create single or multiple pockets from one system*
- *Easy, worry-free installation*
- *Easy-to-carry package with shoulder strap*

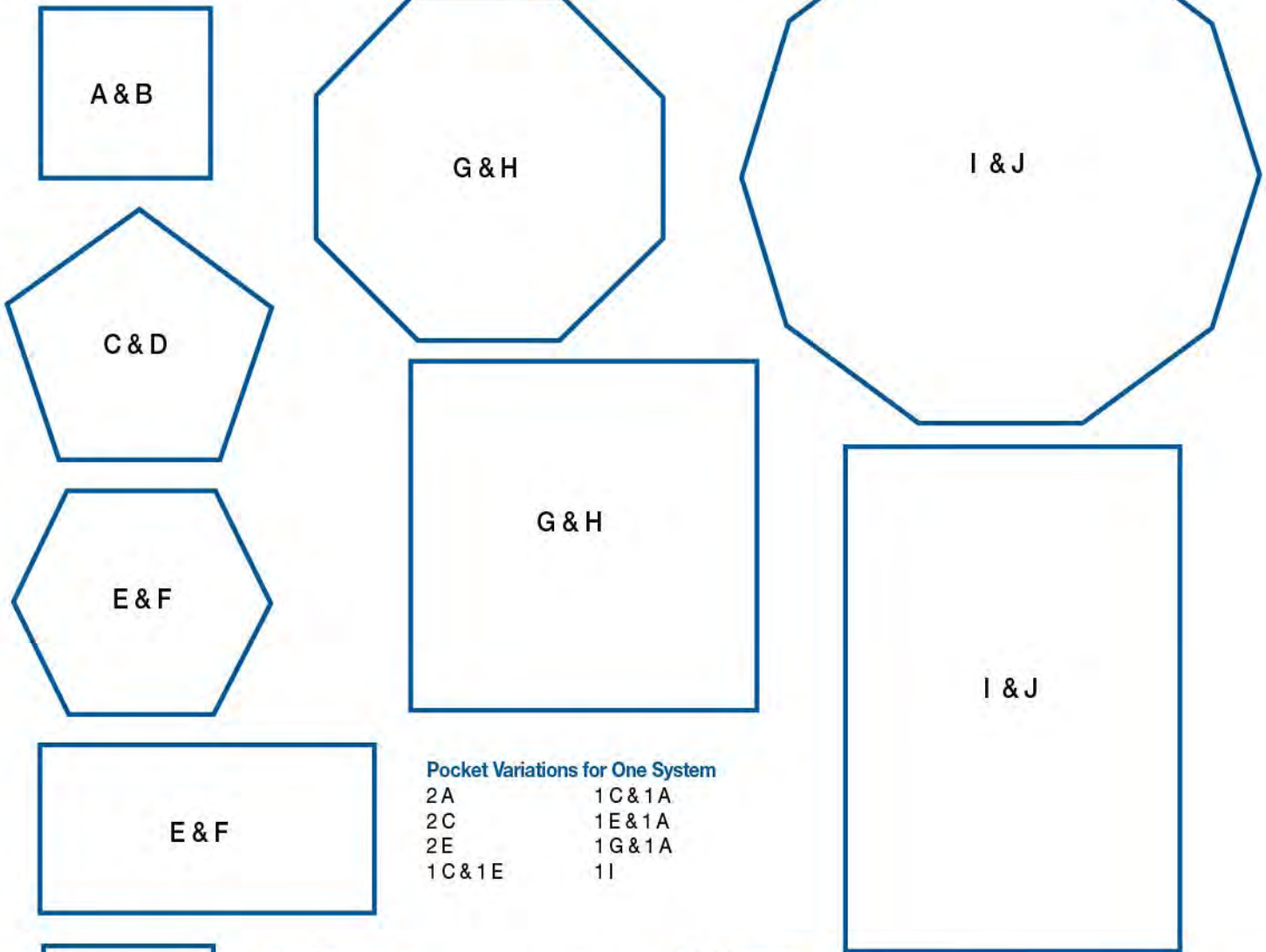
"The Pro Fit Pocket was a dream to work with. It was easy to install, fit every penetration configuration I had, and lowered my costs, putting more money in my pocket."

*Brad Lough - Lough Brothers Roofing & Siding
Terre Haute, IN*

* When installing on TPO and PVC membranes, a primer must be used. Geocel recommends using 45P™ Low VOC, TPO & PVC Primer.

Pro Fit™ Pocket

Penetration Sealant System



Pocket Variations for One System

- 2A 1C & 1A
- 2C 1E & 1A
- 2E 1G & 1A
- 1C & 1E 1I

2 Inch System:

- 1 (14 Panels) Pro Fit Pocket (56" L x 2" H)
- 1 2 L Pouches of 4515 Pourable Sealant
- 1 10 fl. oz. Cartridge of GeoGreen 4500 Sealant

4 Inch System:

- 1 (14 Panels) Pro Fit Pocket (56" L x 4" H)
- 2 2 L Pouches of 4515 Pourable Sealant
- 1 10 fl. oz. Cartridge of GeoGreen 4500 Sealant

Theoretical Volume Guide		Inches Length	Inches Width	Inches Height	Cu. In.	* Pouch Usage
A.	4 panel square	4.0	X 4.0	X 2.0	32	1/4
B.	4 panel square	4.0	X 4.0	X 4.0	64	1/2
C.	5 panel pentagon	5.5	X 5.5	X 2.0	60.5	1/2
D.	5 panel pentagon	5.5	X 5.5	X 4.0	121	1
E.	6 panel rectangle or hexagon	8.0	X 4.0	X 2.0	64	1/2
F.	6 panel rectangle or hexagon	8.0	X 4.0	X 4.0	128	1
G.	8 panel rectangle or octagon	12.0	X 4.0	X 2.0	96	4/5
H.	8 panel rectangle or octagon	12.0	X 4.0	X 4.0	192	1 2/3
I.	10 panel rectangle or decagon	16.0	X 4.0	X 2.0	128	1
J.	10 panel rectangle or decagon	16.0	X 4.0	X 4.0	256	2

*To optimize full use of the kit materials, do not install Pro Fit Pockets with a gap greater than two inches between the pocket wall and penetration. Otherwise, additional sealant may be required.