

SIMPLE TILEABLE SOLUTIONS & COVERINGS



# UNDERLAYMENTS

PROPANEL®

PROTEC™

UTIL-A-CRETE®



*The Strength Behind the Beauty*



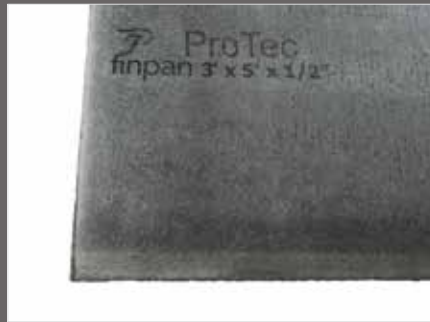
RESIDENTIAL

COMMERCIAL



**PROPANEL®** - Page 3

ProPanel® is a new generation of backerboard that offers waterproof performance all in a six pound board that is mold and mildew resistant. ProPanel® consists of high-density expanded polystyrene reinforced on both sides with fiberglass mesh and a polymer cement coating. It passes ANSI A 118.10 test for water proofness.



**ProTEC™** - Page 6

ProTec™ is FinPans second generation concrete backerboard designed to provide a stable substrate for ceramic tile installations. ProTec™ offers a tapered, fiberglass reinforced edge that allows for closer fastener installation. FinPan provides mold and mildew resistant ceramic tile concrete backerboard in a variety of sizes, making tile installations simple, easy and time saving.



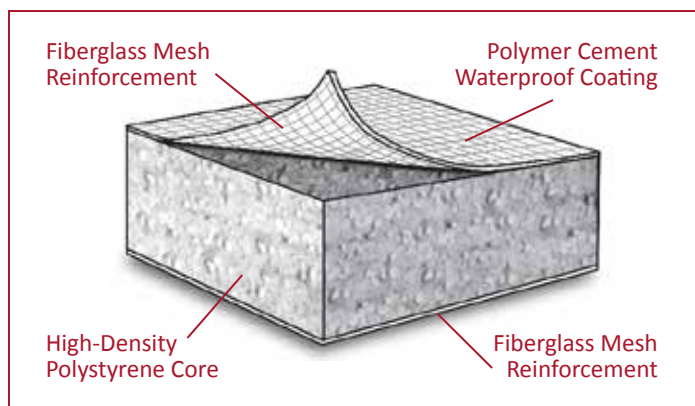
**UTIL-A-CRETE®** - Page 9

Util-A-Crete® is a superior underlayment for interior and exterior applications. With its 16 x 10 mesh count, **Util-A-Crete® is the strongest concrete backerboard in the industry** with a compressive strength of 2600 psi (ASTM D2394).

FLOORS • COUNTERTOPS • WALLS & CEILINGS • EXTERIORS • RESIDENTIAL & COMMERCIAL



Toll Free: 800.833.6444 / [orders@finpan.com](mailto:orders@finpan.com)



### ProPanel® Lightweight Waterproof Backer Board

is specifically designed for wall and floor tile applications. ProPanel is made of high-density expanded polystyrene insulation reinforced, on both sides, with fiberglass mesh and a polymer cement coating. ProPanel provides a waterproof substrate for tile used on walls, floors, tub surrounds, steam rooms, ceilings and countertops.

ProPanel Backer Board® offers distinct features over competitive products on the market. ProPanel Backer Board® is lightweight, completely waterproof, and easy to install.

ProPanel Backer Board® is available in 1/4" and 1/2" x 3' x 5' boards. Due to its lightweight nature, around 6 pounds per board, it is easier to lift and carry. Although light, the 2-pound density foam core is stable and meets industry standards for compressive, flexural and tensile strengths.

ProPanel Backer Board® is engineered using a polymer cement coating that offers 100% waterproof protection. ProPanel Backer Board® does not require additional waterproofing over its surface as other boards on the market do. It also offers resistance to fungi and bacteria.

ProPanel Backer Board® is quick to install. It cuts easily and cleanly with a sharp utility knife. Water stubs and fixtures are easily cut out of the foam core. Because of its low vapor permeance, ProPanel Backer Board® eliminates the need for vapor barriers in shower applications. A vapor barrier is still required for steam shower installations.

### SIZE & PACKAGING

| Thickness | Width | Length | Pieces Per Pallet |
|-----------|-------|--------|-------------------|
| 1/4"      | 3'    | 5'     | 50                |
| 1/2"      | 3'    | 5'     | 40                |

### ACCESSORIES

|                                 |                               |
|---------------------------------|-------------------------------|
| 1 1/4" Tab Washer .....         | 250 / box                     |
| 1 1/2" Assembled Cap Nail ..... | 250 / box                     |
| 1 5/8" Screw .....              | 250 / box                     |
| Polyurethane .....              | 24 / case                     |
| WaterArmor™.....                | 1 quart, 1 & 5 gallon buckets |

ProPanel 1/4" and 1/2" is approved for residential and light commercial flooring applications. 1/4" ProPanel Backer Board® reduces level variations when abutting carpet and other materials.

### LIMITATIONS

ProPanel Backer Board® is waterproof, but to ensure a waterproof installation all joints and fasteners must be sealed with a Fin Pan approved polyurethane sealant or fiberglass mesh and WaterArmor™ liquid applied waterproofing membrane or equivalent.

ProPanel Backer Board® is not to be used as a structural load-bearing member.

ProPanel Backer Board® may be used on countertops, but should not be used in areas where extremely hot items will be placed directly on the tile.

ProPanel Backer Board® may be used for steam rooms and steam showers, however a vapor barrier is specified. Visquene may be used behind ProPanel Backer Board® or a liquid applied waterproof membrane may be applied over surface of ProPanel Backer Board®.

## ProPanel®

### FEATURES

- Lightweight, around 6 lbs. per board
- Waterproof
- 2 lb. Density EPS Core
- Easy to Lift and Carry
- Easy to Cut and Install

### BENEFITS

- Faster Installations
- Waterproof Installations
- Adds Insulation Value
- Less Mess



**A MODIFIED THINSET MORTAR IS SPECIFIED FOR SETTING TILE. MASTIC ADHESIVES SHOULD NEVER BE USED.**

### WALLS

#### FASTENING:

**Wood Studs:** Nominal Dimensions – 2" x 4" with maximum span of 16" o.c.

Fasten boards directly to studs using either the ProPanel 1 1/2" Assembled Cap Nail or the ProPanel 1 1/4" Tab Washer and 1 5/8" Corrosion Resistant Screw. Fasteners should be spaced 8" o.c. All fastener heads should be countersunk flush with surface of the board.

**Steel Studs:** Minimum Thickness – 25 gauge with maximum span of 16" o.c.

Fasten boards directly to studs using the ProPanel 1 1/4" Tab Washer and 1 5/8" Corrosion Resistant Screw. Fasteners should be spaced 8" o.c. All washers should be countersunk flush with surface of the board.

#### INSTALLATION:

The following steps must be followed to maintain the waterproof integrity of ProPanel.

##### OPTION 1:

1. Beginning at the bottom of the wall, install ProPanel to the wall studs by using the appropriate fastener and spacing outlined in the FASTENING section above. For tub walls, first apply a bead of polyurethane sealant and then install board.
2. Before installing the next board, apply a 1/4" bead of polyurethane sealant to the entire top edge of the first board.
3. Install next board and apply fasteners as outlined above in FASTENING section.
4. Whenever two boards come together to make a joint apply a 1/4" bead of polyurethane.
5. All boards must be fitted tightly together allowing sealant to ooze from joint.

6. All excess sealant should be spread thin ensuring a continuous seal at the joint.

7. All fasteners must be completely covered with a bead of polyurethane and spread to form a seal.

##### OPTION 2:

1. Fasten boards in same manner as outlined in OPTION 1 without the use of polyurethane sealant.
2. Install boards leaving a 1/16" gap between boards.
3. Embed 2" fiberglass mesh with WaterArmor™ liquid waterproofing membrane or equivalent in all panel joints.
4. All fasteners must be completely covered with waterproofing to form a seal.
5. Allow 1st coat to dry and apply 2nd coat over all joints, corners and fasteners.

### STEAM SHOWER APPLICATION

1. Apply a moisture barrier directly to stud framing before installing ProPanel or apply WaterArmor™ liquid waterproof membrane or equivalent, per manufacturer's instructions, over the ProPanel after it has been installed.
2. Treat all seams, joints and penetrations as outline above.

### CEILING

#### GENERAL:

Design specifications should provide support with a maximum allowable deflection due to dead load not to exceed L/360 of the span.

#### FASTENING:

Framing members should not exceed 16 o.c. Ensure that edges of ProPanel are continuously supported.

Fasten boards as outlined in FASTENING section for WALL applications.

#### INSTALLATION:

Install ProPanel as outlined in OPTION 1 or OPTION 2 in WALL application section.

### POLYURETHANE APPROXIMATE COVERAGE:

3 boards per 10 oz. tube.

#### APPROVED FASTENERS



A MODIFIED THINSET MORTAR IS SPECIFIED FOR SETTING TILE. MASTIC ADHESIVES SHOULD NEVER BE USED.

FLOORS:

GENERAL:

All framing should comply with local building code requirements. Design specifications should provide support with a maximum allowable deflection of L/360 of the span under all intended loads. The tile size should be at least 6" x 6". Architect, builder or design professional must specify location of control joints. Also see TCNA Handbook, Installation Method EJ171-Movement Joint Design Essentials, for industry guidelines.

FASTENING:

Wood Floors:

Minimum Thickness - 5/8" exterior grade plywood or OSB fastened and glued firmly to joists as per TCNA Handbook, Installation Method F175-07-Cementitious Foam Backer Board Dry-Set or Latex-Portland Cement Mortar. Fasten boards directly to subfloor using either the ProPanel 1 1/2" Assembled Cap Nail or the ProPanel 1 1/4" Tab Washer and 1 5/8" Corrosion Resistant Screw or 0.113" x 1 1/2" round top ring shank nail. Fasteners should be spaced a maximum of 8" o.c. All fastener heads should be countersunk flush with surface of the board.

INSTALLATION:

- 1. Apply a setting bed of polymer modified mortar over subfloor with a 1/4" square notched trowel combing mortar into a ribbed bed.
- 2. Install ProPanel to subfloor leaving a 1/8" gap between all boards.
- 3. All boards should be laid with staggered joints.
- 4. Fasten boards as outlined in the FASTENING section above.
- 5. Fill all joints with a polymer modified mortar and embed 2" fiberglass mesh cement board tape.

NOTE: ProPanel is completely waterproof. If the area below the backerboard must be kept dry, all fastener penetrations and joints must be sealed with WaterArmor™ liquid waterproof membrane or equivalent.

Concrete Floor:

Concrete must be fully cured and clean.

INSTALLATION:

- 1. Apply a setting bed of polymer modified mortar over concrete floor with a 1/4" square notched trowel combing mortar into a ribbed bed.
- 2. Any depressions should be filled with mortar.
- 3. Install ProPanel leaving a 1/8" gap between boards.

- 4. Make certain there are no voids beneath panel and that it is supported solidly.
- 5. All boards should be laid with staggered joints.
- 6. Allow mortar to harden before taping joints.

COUNTERTOPS:

Wood Counter:

Install 3/4" exterior grade plywood across unit supports spaced 16" o.c. Maximum variation in plywood surface to be no more than 1/8" in 10' from required plane.

FASTENING:

Fasten ProPanel to plywood using either ProPanel 1 1/2" Assembled Cap Nail or ProPanel 1 1/4" Tab Washer and 1 5/8" Corrosion Resistant Screw. Fasteners should be spaced 8" o.c. All fastener heads should be countersunk flush with surface of the board.

INSTALLATION:

- The following steps must be followed to maintain the waterproof integrity of ProPanel.
- 1. Fasten ProPanel to plywood as outlined in FASTENING section.
  - 2. Before installing the next board, apply a 1/4" bead of polyurethane sealant to the edges of the first board.
  - 3. Install next board and apply fasteners as outlined above.
  - 4. All boards must be fitted tightly together allowing sealant to ooze from joint.
  - 5. All excess sealant should be spread thin ensuring a continuous seal at the joint.
  - 6. All fasteners must be completely covered with a bead of polyurethane and spread to form a seal.

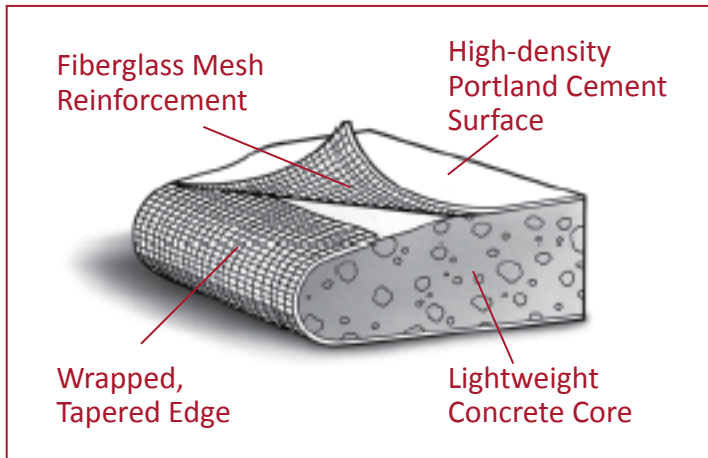
35 Year Limited Warranty

FinPan, Inc. warrants that this product meets or exceeds applicable manufacturing standards inforce at the time of manufacture. Fin Pan will, at its option, repair or replace any product which proves defective due to manufacturing. This warranty shall apply only if the product is used strictly according to applicable specifications, and/or instructions provided by Fin Pan for its use. Contact FinPan, Inc. for complete warranty details.

Performance Property Test Method Value

|                                 |   |
|---------------------------------|---|
| Hydrostatic Water Pressure Test | ASTM D-4068 * Pass                        |
| Resistance to Fungi             | ASTM G-2 1 < 10%                          |
| Resistance to Bacteria          | ASTM G-22 No Growth                       |
| Robinson-Type Floor Tester      | ASTM C-627 Residential & Light Commercial |

\* Test was conducted in accordance with ANSI A-118.10 Section 4.5-Waterproofness



**ProTEC™ Concrete Backer Board** is a superior underlayment for interior and exterior construction applications. It is made of durable Portland cement, alkaline resistant fiberglass mesh, and lightweight aggregate. ProTEC provides a stable, long-lasting foundation for ceramic tile and other facing materials used on floors, walls, ceilings, countertops and exteriors. FinPan, Inc. patented the continuous manufacturing process for concrete backer board over 40 years ago.

Unlike wood or gypsum-based products, ProTEC is unaffected by water, moisture or steam and will not decay, warp, rot or soften. ProTEC is the ideal underlayment for areas constantly exposed to water such as shower enclosures, around bathtubs, sinks, as well as swimming pool and whirlpool decks.

ProTEC Concrete Backer Board provides a strong, stable substrate for high impact areas such as foyers, kitchens, bathrooms and utility rooms. The 1/2" board offers a wrapped, tapered edge for nail or screw penetrations closer to the edge.

The thinner 1/4" board was specifically designed for today's dramatic new tile, marble and stone applications on floors and countertops. When applied under ceramic floors, 1/4" ProTEC reduces the need to shorten doors over thresholds and reduces level variations when abutting carpet and other flooring materials. ProTEC 1/4" is approved for residential and light-commercial flooring applications.

### SIZE & PACKAGING

| Thickness | Width | Length              | Pieces Per Pallet |
|-----------|-------|---------------------|-------------------|
| 1/4"      | 3'    | 4', 5', 64", 6', 8' | 50                |
| 1/2"      | 3'    | 4', 5', 64", 6'     | 40                |
| 1/2"      | 3'    | 8'                  | 25                |
| 5/8"      | 3'    | 5' , 64", 6'        | 30                |
| 5/8"      | 3'    | 8'                  | 25                |

### Limitations

ProTEC Backer Board is water resistant, but allows water and water vapor passage. If total water-proofing is required, the use of a waterproofing membrane is mandatory.

ProTEC units are not to be used as structural load-bearing members.

ProTEC must never be used over cushioned vinyl flooring. This type of flooring must be removed before ProTEC is installed.

### FEATURES

- 1/4", 1/2", and 5/8" thicknesses
- Sizes up to 8'
- Wrapped, tapered edge
- Moisture and mold resistant
- Contains Portland cement, fiberglass mesh, and lightweight aggregate
- Approved for interior and exterior use
- Low coefficient of expansion and contraction

### BENEFITS

- Easy to cut, score and install
- Less susceptible to environmental changes
- Will not soften, rot, swell or delaminate
- Can be fastened with nails or screws
- Increases in strength and hardness over time
- Vermin proof



## PERFORMANCE PROPERTIES

**1/2" ProTEC Concrete Backer Board***Complies with ANSI A 118.9 for Nailable, Screwable Backerboard or Underlayment*

| Property | Test Value | Minimum Value | Result |
|----------|------------|---------------|--------|
|----------|------------|---------------|--------|

|                      |     |     |     |
|----------------------|-----|-----|-----|
| Weight, lbs./sq. ft. | 2.9 | N/A | N/A |
|----------------------|-----|-----|-----|

**Shear Bond Strength (7 day cure) – CBU to CBU Saturated**

|   |     |    |      |
|---|-----|----|------|
| ANSI A118.1 – Dry Set Portland Cement Mortar, min. psi. | 258 | 50 | Pass |
| ANSI A118.4 – Latex Portland Cement Mortar, min. psi.   | 208 | 50 | Pass |
| ANSI A136.1 – Organic Adhesive Type*, min. psi.         | 91  | 50 |      |

**ASTM D2394 Compression Indentation**

|   |       |      |      |
|---|-------|------|------|
| Compressive Stress, min. psi.                               | 5000  | 1250 | Pass |
| Residual Indentation, max. in.                              | 0.045 | 0.05 | Pass |
| ASTM D1037 – Falling Ball Impact, min. in.                  | 12    | 12   | Pass |
| ASTM D1037 – Fastener Holding, min. saturated               | 100   | 90   | Pass |
| ASTM E84 – Flame Spread Max.                                | 0     | 10   | Pass |
| ASTM E84 – Smoke Developed                                  | 5     | 10   | Pass |
| NFPA 286 – Evaluation of Wall & Ceiling to Room Fire Growth | 0     |      | Pass |

**ASTM Flexural Strength (Saturated) – Long Dimension Perpendicular to Joists**

|                  |      |     |      |
|------------------|------|-----|------|
| Smooth Side Up   | 1260 | 750 | Pass |
| Smooth Side Down | 1100 | 750 | Pass |

**ASTM D1037 Linear Variation / Moisture Movement**

|  |       |       |      |
|--|-------|-------|------|
| Machine Direction, max. %                                  | 0.03% | 0.07% | Pass |
| Cross-Machine Direction, max. %                            | 0.04% | 0.07% | Pass |
| ASTM C666 (Procedure B) – Freeze-Thaw Cycling, Min. cycles | 100   | 25    | Pass |
| ASTM D3273-94 – Mold Resistance                            |       |       | Pass |

**1/4" ProTEC Concrete Backer Board***Standard Method for evaluating ceramic floor installation system ASTM C 627 Light Commercial***Certification, Codes****Recognition**

- NTA Testing Laboratories, Inc.

Test Report:

1/2" ProTEC – TCC 061306-24

1/4" ProTEC – TCC 022508-18

**Fastening**

**Wood Studs:** These must be 3 1/2" deep and no more than 16" o.c. Use conventional 1 1/2" galvanized roofing nails, preferably screw type, spaced a maximum of 8" apart, or 1 1/4" Hi-Lo® type-S-point screws

**Steel Studs:** These must be 20-gauge or heavier and no more than 16" o.c. When using 20-gauge studs, use a corrosion resistant 1 1/4" Hi-Lo bugle head type-S-point screw or 1 1/4" RocOn type-S-point screw. When using 18 to 20 gauge studs, use a corrosion resistant 1 1/4" #3

screw with a type S-12 self-drilling point or a corrosion resistant screw with a self-embedding head and a self-drilling point. All screws must be spaced a maximum of 8" apart.

**35-Year Limited Warranty**

With over 30 years of experience manufacturing concrete backer board, FinPan, Inc. is confident enough in its product to provide the only 35-year warranty in the business. FinPan warrants that this product meets or exceeds applicable manufacturing standards in force at the time of manufacture. And FinPan will, at its option, repair or replace any product which proves defective due to manufacturing.

Contact FinPan, Inc. for complete warranty details.

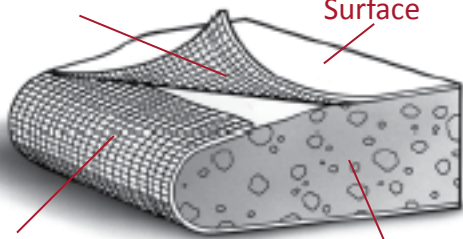


**Util-A-Crete®** is a lightweight, concrete backer board specifically designed to provide a permanent base for a wide variety of both interior and exterior construction applications. Made of durable portland cement, alkaline resistant fiberglass mesh

and lightweight aggregate, Util-A-Crete is a superior underlayment for ceramic tile and other facing materials used on walls, ceilings, floors, countertops and exteriors. Util-A-Crete is non-toxic, environmentally safe, contains no asbestos, and is noncombustible. With a compressive strength of  $\geq 2600$  psi (ASTM D 2394) and flexural strength of  $\geq 1500$  psi (ASTM C 947), Util-A-Crete is proven to be the strongest backer board in the industry – ideal for high impact areas such as foyers, kitchens, bathrooms and utility rooms. Unlike wood or gypsum-based products, Util-A-Crete is unaffected by water, moisture or steam and will not decay, warp, rot or soften. It actually increases in strength and hardness over time. This makes it well-suited for areas constantly exposed to water such as spas, steam rooms and indoor pools.

Fiberglass Mesh Reinforcement

High-density Portland Cement Surface



Wrapped, Tapered Edge

Lightweight Concrete Core

Util-A-Crete is available in a variety of sizes and thicknesses. The  $\frac{1}{2}$ " and  $\frac{5}{8}$ " backer boards feature a wrapped, tapered edge which makes them easier to handle and install.

The thinner  $\frac{1}{4}$ " board was specifically designed for today's dramatic new tile, marble and stone applications on floors and countertops. When applied under ceramic floors,  $\frac{1}{4}$ " Util-A-Crete reduces the need to shorten doors over thresholds and reduces level variations when abutting carpet and other flooring materials.

As a countertop substrate, Util-A-Crete is easier to cut and install. The combination of flexibility and strength make  $\frac{1}{4}$ " Util-A-Crete the ideal underlayment for interior and exterior curved applications.



### FEATURES

- $\frac{1}{4}$ ",  $\frac{1}{2}$ ", and  $\frac{5}{8}$ " thicknesses; sizes up to 8' by 3' wide
- Wrapped, tapered edge
- Water and moisture resistant
- Contains Portland cement, fiberglass mesh, and lightweight aggregate
- No additives or fillers
- Approved for interior and exterior use
- Low coefficient of expansion and contraction

### BENEFITS

- $\frac{1}{4}$ " ideal for curved tile applications
- Easy to cut, score and install
- Superior fastener pull-through resistance
- Unsurpassed flexural and compressive strength
- Will not decay, warp, soften, rot or swell
- Can be fastened with nails or screws
- Increases in strength and hardness over time

### Limitations

Util-A-Crete Backer Board is water resistant, but allows water and water vapor passage. If total waterproofing is required, the use of a waterproofing membrane is mandatory.

Util-A-Crete units are not to be used as structural load-bearing members.

Util-A-Crete must never be used over cushioned vinyl flooring. This type of flooring must be removed before Util-A-Crete is installed.

### SIZES

| Thickness | Width | Length              | Edge    | Wt./sq.ft. |
|-----------|-------|---------------------|---------|------------|
| ¼"        | 3'    | 4', 5', 64"         | Wrapped | 1.98       |
| ½"        | 3'    | 4', 5', 64", 6', 8' | Wrapped | 3.0        |
| ⅝"        | 3'    | 4', 5', 6'          | Wrapped | 3.5        |

\*Special Order

### Certification, Codes

#### Fire Rated Assemblies

Util-A-Crete Backer Board units have been approved for use in construction which requires a fire-resistant rated wall. A one-hour rated wall assembly consists of 20-gauge 3-½" steel studs, one layer of ⅞" Util-A-Crete on one side and one layer of ⅝" Type X gypsum wallboard on the opposite side, with mineral fiber insulation batts in the stud cavities. Uniquely, this rating was achieved without any facing material (e.g. ceramic tile or marble) over either the Util-A-Crete or gypsum board, which allows the owner, architect or contractor greater flexibility in designing the finished surface, while retaining or even enhancing the one-hour rating. (Tests were conducted pursuant to ASTM E-119-83, as a non-load-bearing wall, fire-rated both sides, under the supervision of Construction Technology Laboratories.

#### Recognition

- CABO NER-419
- IRC, IBC
- City of New York MEA 293-89-M and MEA 340-90-M
- CTI Approved
- UL Listed 42 X 2 "Floor Protectors and Wall Shields"

#### Fastening

**Wood Studs:** These must be 3 ½" deep and no more than 16" o.c. Use conventional 1 ½" galvanized roofing nails, preferably screw type, spaced a maximum of 8" apart, or 1 ¼" Hi-Lo® type-S-point screws.

**Steel Studs:** These must be 20-gauge or heavier and no more than 16" o.c. When using 20-gauge studs, use a corrosion resistant 1 ¼" Hi-Lo bugle head type-S-point screw or 1 ¼" RocOn type-S-point screw. When using 18 to 20 gauge studs, use a corrosion resistant 1 ¼" #3 screw with a type S-12 self-drilling point or a corrosion resistant

screw with a self-embedding head and a self-drilling point available from your Util-A-Crete distributor. All screws must be spaced a maximum of 8" apart.

### Performance Properties

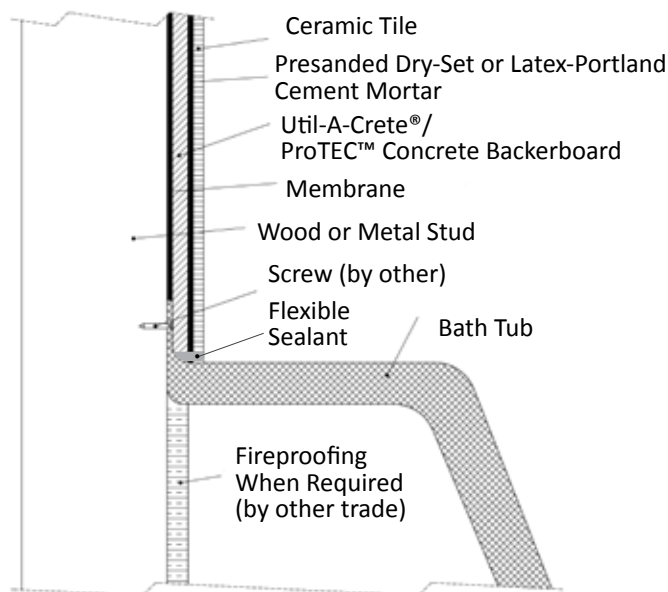
Util-A-Crete, when tested by independent laboratories\*, using Standard ASTM test methods, has the following performance properties:

| Performance Property   | Test Method        | Value                               |
|--|--------------------|-------------------------------------|
| Compressive Strength (Indentation)                                   | ASTM-D-2394        | ≥2600psi                            |
| Flexural Strength  | ASTM-C-947         | ≥1500psi                            |
| Linear Variations with change in moisture to air dry (50% R.H., 73°) |                    |                                     |
| C-34-84  | ASTM-D-1037        |                                     |
| Width  |                    | 0.02%                               |
| Length   |                    | 0.02%                               |
| Surface Burning Characteristics                                      | ASTM-E-84          | Flame Spread – 5<br>Smoke Level – 0 |
| Fire Rating  | ASTM-119           | 1 Hour Rating                       |
| Density Weight/sq.ft.  |                    | Avg. 3 lbs                          |
| Fastener Pull-through  | ASTM-D-1037        | ≥195lbs                             |
| Bond Strength  | ASTM-A-118.1-118.4 | ≥50lbs                              |
| Ceramic Tile (Wet & Dry)   |                    |                                     |

\*Independent laboratory test reports available upon request

### Limited Warranty

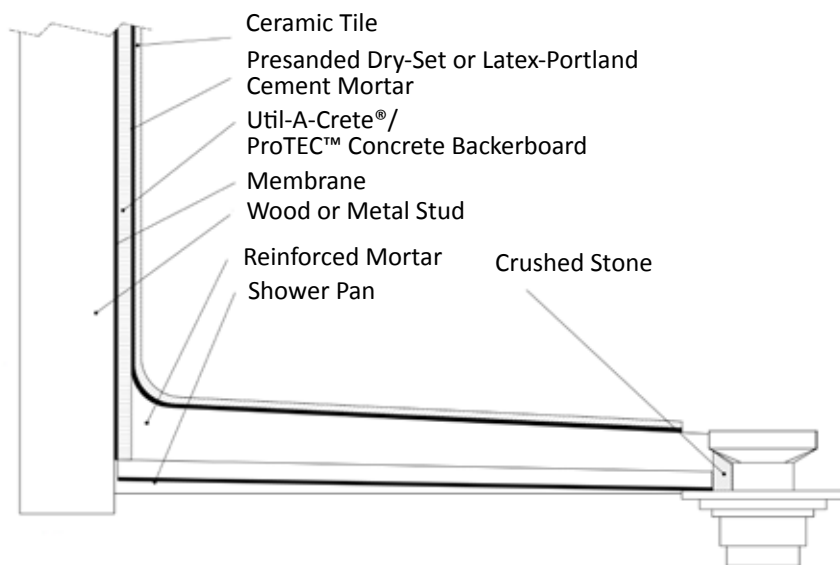
FinPan, Inc. warrants that this product meets or exceeds applicable manufacturing standards in force at the time of manufacture. FinPan will, at its option, repair or replace any product which proves defective due to manufacturing. This warranty shall apply only if the product is used strictly according to applicable specifications, and/or instructions provided by FinPan for its use. FinPan shall not be liable otherwise.



## Walls, Bath

### MATERIALS

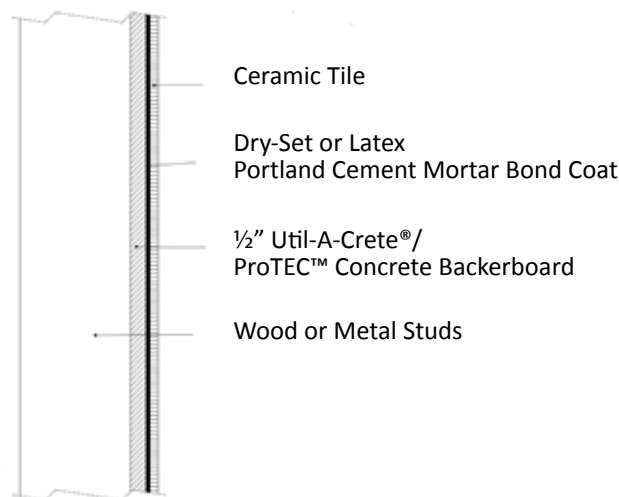
- Util-A-Crete®/ProTEC™ Concrete Backerboard
- 2" glass fiber mesh tape
- Dry-set mortar, ANSI A118.1
- Latex-portland cement mortar, ANSI A118.4
- Grout, ANSI A118.6 (specify type)
- Elastomeric caulking, silicone rubber
- Metal Studs, ASTM C645



## Walls, Shower

### MATERIALS

- Util-A-Crete®/ProTEC™ Concrete Backerboard
- 2" glass fiber mesh tape
- Dry-set mortar, ANSI A118.1
- Latex-portland cement mortar, ANSI A118.4
- Grout, ANSI A118.6
- Metal Studs, ASTM C645



## Walls, Interior

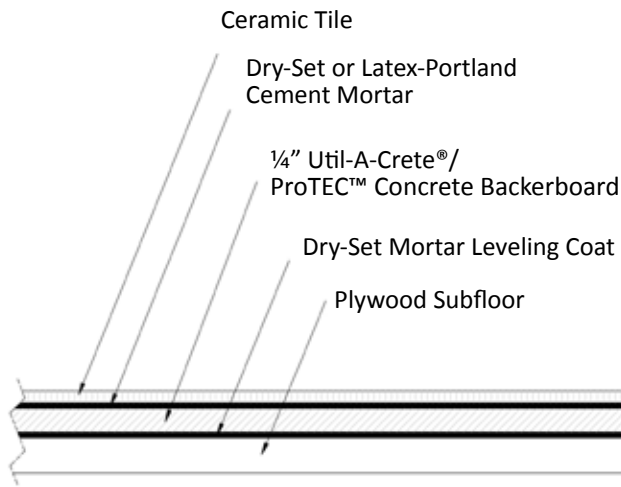
### MATERIALS

- Util-A-Crete®/ProTEC™ Concrete Backerboard
- 2' glass fiber mesh tape
- Dry-set mortar ANSI A11B.1
- Grout, ANSI A11B.6
- Latex-portand cement mortar ANSI A11B.4

## Floors, Interior

### MATERIALS

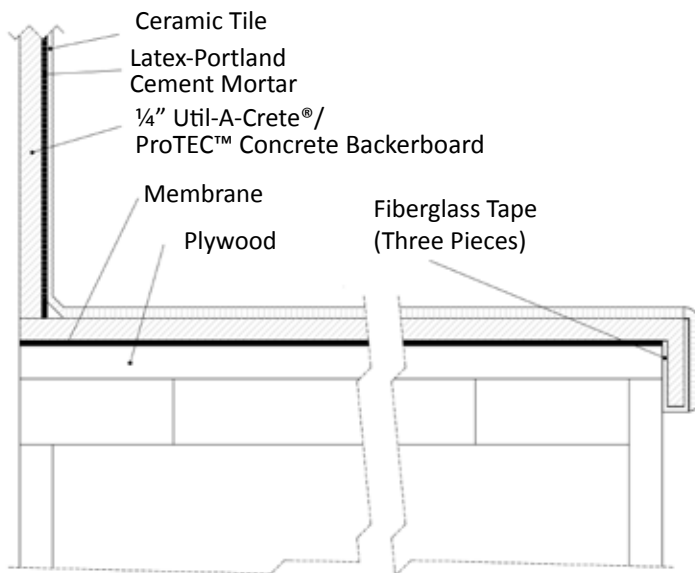
- Util-A-Crete®/ProTEC™ Concrete Backerboard
- 2" glass fiber mesh tape
- Dry-set mortar ANSI A118.1
- Grout, ANSI A118.6
- Latex-portland cement mortar ANSI A118.4



## Countertops

### MATERIALS

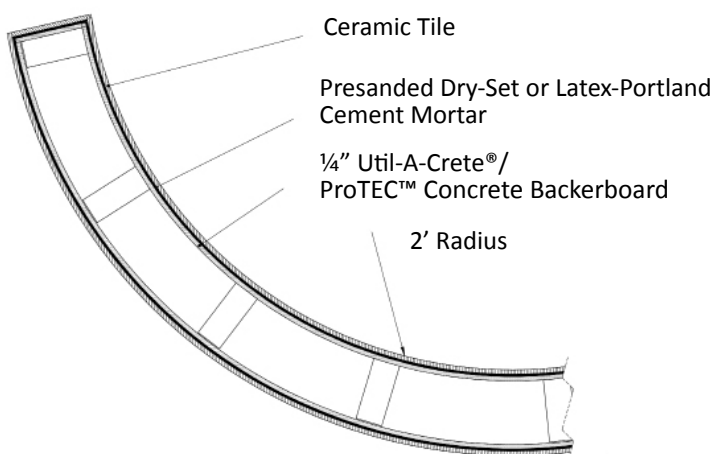
- Util-A-Crete®/ProTEC™ Concrete Backerboard
- 3/4" exterior grade plywood base
- 1 1/4" galvanized roofing nails applied 6" o.c.
- Latex-portland cement mortar, ANSI A118.4
- Latex-portland cement grout
- ANSI A118.6 or epoxy ANSI A118.3
- 15 lb. roofing felt or 4 mil. polyethylene film or dublex-type reinforced asphalt paper membrane



## Bath Spa Surround

### MATERIALS

- 1/4" Util-A-Crete®/ProTEC™ Concrete Backerboard
- 2" glass fiber mesh tape
- Dry-set mortar, ANSI A118.1
- Grout, ANSI A118.6 (specify type)
- Latex-portland cement mortar ANSI A118.4



# UNDERLAYMENTS



[www.FinPan.com](http://www.FinPan.com)



## GREEN BAY, WI

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## PEORIA, IL

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