

## Product Description

Roppe Pinnacle Plus rubber wall base is a true, 100% thermoset (TS) rubber wall base that is PVC free, phthalate free and Red List chemical free. The architectural lines of Pinnacle Plus wall base provide the industry with unique profiles and exciting rubber wall base options.

Pinnacle Plus wall base is incredibly durable, allowing it to stand up to a wide

range of use when compared to vinyl wall base. Pinnacle Plus wall base comes in a variety of profiles that are meant to combine the look of specialty wood trims with the flexibility of a rubber wall base. Pinnacle Plus wall base is designed for use in commercial wall base applications and is available in heights ranging from 2 1/2" to 5 1/2" with a wide range of toes to match a wide variety of flooring

installations and application requirements.

Pinnacle Plus is FloorScore certified, and meets a variety of VOC requirements, while also meeting many of the strictest requirements of today's green building certification systems. Pinnacle Plus is manufactured in the USA and is recyclable through the Roppe IMPACT recycling program.

## Features

- PVC Free
- Phthalates Free
- Extremely Durable
- Extremely Flexible
- Available in Wide Variety of Sizes
- Will Not Shrink, Gap or Cup
- Recyclable (IMPACT Recycling Program)
- Qualifies for LEED® Credits
- FloorScore® Certified

## Technical Data

Profiles / Styles: **#00, #05, #10, #15, #20, #25, #30, #35, #50, #55, #65, #75, #85, #90, #95**

Nominal Height - #05: **2 1/2" (63.5 mm)**

Nominal Height - #75: **3" (76.2 mm)**

Nominal Height - #00, #10, #30, #50, #90: **4" (101.6 mm)**

Nominal Height - #85: **4 1/4" (107.95 mm)**

Nominal Height - #25, #35: **4 9/16" (115.8 mm)**

Nominal Height - #65: **4 5/8" (117.5 mm)**

Nominal Height - #15: **5 1/4" (133 mm)**

Nominal Height - #55, #95: **5 1/2" (139.7 mm)**

Nominal Thickness (depending on style): **1/8" (3.2 mm)**

**1/4" (6.35 mm)**

**3/8" (9.53 mm)**

Nominal Length (depending on style): **8' Sections (2.44 m)**

**60' Coils (18.29 m)**

**120' Coils (36.58 m)**

LEED v2009 IEQ Credit 4.1: **Qualifies**

ASTM F1861 – Resilient Wall Base: **Type TS, Group 1, Style A, B & D**

ASTM E648 (NFPA 253) - Critical Radiant Flux: **Class I, > 0.45 W/cm<sup>2</sup>**

ASTM E662 (NFPA 258) - Smoke Density: **Passes, <450**

ASTM E84 - Flammability: **Class B**

Acclimation Time: **48 Hours**

Storage & Acclimation Temperature: **65° - 85° F**

## Additional Information

### Approved Adhesives

- WB-600 Acrylic Wall Base Adhesive
- AW-510 Acrylic Wet-Set Adhesive
- C-630 Contact Adhesive

### Additional Accessories

Quarter-Round, Inside & Outside Corner Blocks, as well as Inside & Outside Micro Corner Blocks are available to match wall base installations.

### Availability, Cost & Samples

Roppe Flooring products are sold through distribution. To locate the nearest distributor, visit [roppe.com](http://roppe.com) or send an e-mail to [support@roppe.com](mailto:support@roppe.com).

### Technical Documents & Support

Additional product resources and technical documents are available online at [roppe.com](http://roppe.com). For additional technical support, send an e-mail to [solutions@rhctech.com](mailto:solutions@rhctech.com).

## Wall Base & Corners

### Style #05

Base Height: **2 1/2" (63.5 mm)**  
 Base Thickness: **1/4" (6.35 mm)**  
 Base Length: **60' Coils (18.29 m)**  
 Base Carton Quantity: **1 Coil**

### Style #75

Base Height: **3" (76.2 mm)**  
 Base Thickness: **3/8" (9.53 mm)**  
 Base Length: **8' Sections (2.44 m)**  
 Base Carton Quantity: **6 Pieces**

### Style #00, #10, #20, #30, #50, #85 & #90

Base Height: **4" (101.6 mm)**  
 Base Height - #85: **4 1/4" (107.95 mm)**  
 Base Thickness: **1/8" (6.35 mm)**  
 Base Thickness - #85: **1/4" (3.2 mm)**  
 Base Length: **60' Coils (18.29 m)**  
 Base Length - #20, #30: **120' Coils (36.58 m)**  
 Base Carton Quantity: **1 Coil**

### Style #25 & #35

Base Height: **4 9/16" (101.6 mm)**  
 Base Thickness: **1/4" (6.35 mm)**  
 Base Length: **60' Coils (18.29 m)**  
 Base Carton Quantity: **1 Coil**

### Style #65

Base Height: **4 5/8" (117.5 mm)**  
 Base Thickness: **3/8" (9.53 mm)**  
 Base Length: **8' Sections (2.44 m)**  
 Base Carton Quantity: **6 Pieces**

### Style #95

Base Height: **5 1/2" (139.7 mm)**  
 Base Thickness: **1/8" (3.2 mm)**  
 Base Length: **60' Coils (18.29 m)**  
 Base Carton Quantity: **1 Coil**

### Style #15

Base Height: **5 1/4" (133 mm)**  
 Base Thickness: **1/8" (3.2 mm)**  
 Base Length: **60' Coils (18.29 m)**  
 Base Carton Quantity: **1 Coil**

### Style #55

Base Height: **5 1/2" (139.7 mm)**  
 Base Thickness: **3/8" (9.53 mm)**  
 Base Length: **8' Sections (2.44 m)**  
 Base Carton Quantity: **6 Pieces**

### Corner Blocks

Corner Type: **Inside & Outside**  
 Corner Height: **We recommend 1/8" - 1/4" Above the Height of the Base**  
 Corner Thickness: **1/2" (12.77 mm)**  
 Corner Return Length: **1 1/2" (38.1 mm) with wings**  
 Corner Carton Quantity: **15 Pieces**

### Micro-Corner Blocks

Corner Type: **Inside & Outside**  
 Corner Height: **We recommend 1/8" - 1/4" Above the Height of the Base**  
 Corner Thickness: **1/4" (6.98 mm)**  
 Corner Return Length: **1 1/4" (32.4 mm) with wings**  
 Corner Carton Quantity: **15 Pieces**

## 1. PRE-INSTALLATION CHECKLIST

- Consult all associated product literature concerning installation and warranty prior to installation.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Inspect all materials to ensure there is no damage.
- Do not stack pallets to avoid damage.
- Ensure installation area and material storage temperatures are between 65° F (19° C) and 85° F (30° C) and 40% - 65% RH for at least 48 hours before, during and after installation.
- Ensure HVAC system is operational and fully functioning at normal operating conditions 48 hours prior to, during and 48 hours after installation.
- Protect installation area from extreme temperature changes, such as heat and freezing, as well as direct sunlight for at least 48 hours before, during and after installation.
- Do not proceed with installation until all conditions have been met.

## 2. PRODUCT LIMITATIONS

Do not install materials over existing wall base, rubber, vinyl or linoleum flash cove, cork, and asphaltic materials. Do not install wall base materials in outdoor areas and in or around commercial kitchens. Do not install in areas that may be subjected to sharp, pointed objects. Do not allow product to be directly exposed to extreme heat sources, such as radiators, ovens or other high-heat equipment. May be susceptible to staining from harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with wall base will not stain, mar or otherwise damage the material prior to use.

## 3. SUBSTRATE PREPARATION

All substrates must be clean, smooth, permanently dry, flat, and structurally

sound. Substrates must be free of visible water or condensation, dust, sealers, water-based / acrylic paint, residual adhesives and adhesive removers, solvents, wax, oil, grease, asphalt, gypsum compounds, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter. Substrate must be a structurally sound interior wall surface, such as dry plaster, cured drywall, fiber-reinforced plastic (FRP) panels, fiberglass, exterior grade plywood (Group 1, CC type), concrete, metal and masonry. Any cracks, voids, divots, grout lines and imperfections must be filled with a patch or filler suitable for the substrate.

When installing directly over a resinous products, such as an epoxy paint, ensure that coating is dry to the touch and has cured for the prescribed length of time. Substrate must be clean, dry, sound and free of contaminates. Material to be installed over non-porous substrates, such as epoxy paint, FRP panels or fiberglass, must be installed with the Excelsior C-630 Contact Adhesive.

Metal substrates must be thoroughly sanded/ground and cleaned of any residue, oil, rust and/or oxidation. Substrate must be smooth, flat and sound prior to installation. When installing in areas that may be subject to topical water or moisture and/or high humidity, an anti-corrosive coating must be applied to protect metal substrate. Contact a local paint or coating supplier for coating recommendations. When installing in areas that may be subject to topical water or moisture and/or high humidity, an anti-corrosive coating must be applied to protect metal substrate. Contact a local paint or coating supplier for coating recommendations. Install wall base within 12 hours after sanding/grinding to prevent re-oxidation. Metal substrates are non-porous – follow all installation instructions, trowel sizes and flash times for non-porous substrates.

## 4. CORNER BLOCK INSTALLATION

Roppe Pinnacle Plus Corner Blocks and Micro Corner Blocks must be installed prior to Pinnacle Plus Wall Base materials. Ensure substrate is suitably prepared prior to installation,

as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Corner blocks must be installed on 90° corners - do not attempt to install corner blocks over other angles, including 135° angles. Install adhesive to the back of the corner block and install onto corner. Mechanically fasten the returns / wings of corner blocks with staples or brad nails to increase stability. When fastening, ensure that staples or nail heads do not protrude from return, as they may telegraph through wall base material.

## 5. WALL BASE INSTALLATION

Prior to installation, ensure wall base material has been properly acclimated and that ambient conditions are within normal operational ranges. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage. When installing wall base in areas that may be subjected to abuse, such as intentional removal, the Excelsior AW-510 or C-630 adhesives must be used to prevent removal.

Cut wall base to desired length and fit tightly against corner blocks or allow for job-site formed corners detailed in section 6.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base. Install wall base to substrate, ensuring that wall base material is not stretched or over-compressed during installation. Stretching material or over-compressing seams and corners may cause wall base to shrink and/or curl/delaminate, respectively.

Periodically lift material to ensure proper

adhesive transfer - adhesive should cover 90% of material. Using a suitable hand roller, carefully roll material in the direction of the last piece installed with a hand roller within 30 minutes of installation.

Pinnacle Plus wall base and corner blocks installations can be enhanced by using Roppe's matching Colored Caulk to fill any voids or imperfections. Allow wall base to cure for the required period of time - do not disturb wall base installation until curing time is complete.

## 6. JOB-SITE FORMED CORNERS - #00, #10, #15, #20 & #30

When using thin sculpted wall base, job-site formed corners are made similar to standard wall base. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

### OUTSIDE CORNERS

To create an outside corner on-site using wall base material, position wall base material firmly against the wall, allowing wall base to overhang corner in the direction that it will be installed. Use a pencil to mark the center of the corner on the back of the wall base, ensuring pencil line is straight and runs from the top of the wall base to the base of the toe.

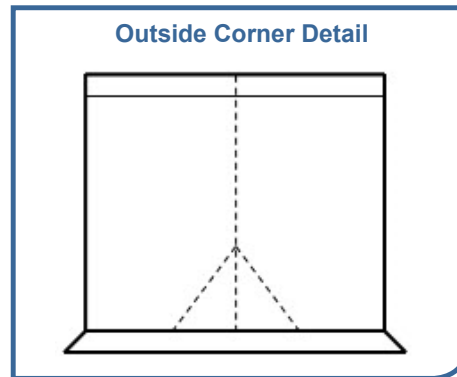
Reposition wall base material on a flat, stable surface, backside facing up. Use a top-set gouge to create a center groove on the long side of the pencil line, removing ~60% of the wall base material. Ensure center groove is on the side of the line that is in the direction the wall base will be installed. Remove excess material from each side of the corner groove.

Use a pencil to mark 1" from the base of the toe on the center line. From the 1" mark, mark a straight line on a 45° angle to the base of the toe on either side of the center groove. Use the top-set gouge to cut two stress relief grooves along the pencil line. Use a knife to remove all excess material between the stress relief

groove and the center groove.

While rolling to toe of the wall base up, fold wall base along center groove to form the corner. The top edge of the wall base should fit tight and flush to the wall's surface, while the toe should be rounded and sit flat on the surface of the floor.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install wall base to substrate.



### INSIDE CORNERS - TOE

To create an inside corner using wall base material, position wall base material firmly against the wall and into the corner. Use a pencil to mark the center of the corner on the back of the wall base and make note of wall base installation direction (from left to right or right to left). Reposition wall base material on a flat, stable surface, backside facing up. Prior to creating an inside corner, measure the distance from the end of the last piece of base installed to the inside corner. If the distance from the last piece of base installed and the corner is within 5', draw a center line 1/16" from initial center mark in the direction the wall base will be installed. If the distance is more than 5', draw a center line 1/8" from initial center mark in the direction the wall base will be installed. Ensure pencil line is straight and runs from the top of the wall base to the base of the toe.

Use a top-set gauge to create a center groove along the center line. Remove excess material from each side of the center groove. Fold wall base along center groove to form the inside corner. Use a utility knife to cut a "V" into the toe from the base of the toe to the end of the

toe. Ensure "V" is slightly less than 45° to avoid removing too much material. Remove material to create a triangular void so that wall base can be installed into corner without the toe overlapping. Make any final adjustments prior to installation.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install wall base to substrate. The top edge of the wall base should fit tight and flush to the wall's surface and previously installed wall base. Once properly positioned, apply firm pressure to the corner to adhere it to the wall. Roll wall base with a hand roller in the direction the material was installed.

### INSIDE CORNERS - NO TOE

To create an inside corner on-site using wall base material, install one side of the inside corner as usual, ensuring that wall base is flush with adjoining wall. Without applying adhesive, position the next section or coil of wall base on the adjoining wall with a ~1" gap from the installed material. Set a divider to the gap and move wall base material flush with the corner.

While applying firm pressure to the adjacent wall base corner with divider, mark the wall base with the divider to determine scribe line. Use a suitable knife to trim wall base along scribe mark. Install wall base as usual, ensuring that wet set adhesives do not come within 1/4" of the top of the wall base and do not squeeze out of wall base corner.

## 7. JOB-SITE FORMED CORNERS - ALL OTHER STYLES

When using thick sculpted wall base, job-site formed corners are made similar to wood baseboard and wood moulding. Use the Miter-Saw or D-Cut Mitring Methods for outside corners and the Coping Method for inside corners. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for



any and all adhesion issues related to improper adhesive selection or usage.

## MITER-SAW MITERING METHOD

When using a miter-saw to cut sculptured wall base, be sure to use a finishing blade with a minimum of 60 teeth. Ensure miter saw has a high enough fence and a long enough table to support material as it is being cut. Prior to cutting wall base, use an adjustable protractor or an angle finder to determine the angle of the corner to be formed. Adjust miter saw blade angle to measured angle and cut material to create an undercut angle. When cutting material, be sure to move material slowly enough to provide a clean cut but fast enough to avoid burning or deforming the material.

Pre-fit both pieces of the outside corner together and ensure a tight fit and make any minor adjustments as needed. Once the corner is tight, use Loctite Liquid Professional Super Glue (or an equivalent, liquid super glue) to glue corner pieces together at the joint.

Once the super glue has dried, apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install corner to substrate.

## D-CUT MITERING METHOD

When using a D-Cut RC-200 Wall Base Cutter, ensure blade is sharp, clean and does not have any chips or visible damage. Set D-Cut blade to a 45° angle and adjust forward or backward, depending on cut desired.

Use D-Cut cutter to cut outside corner edges of both pieces of corner material, ensuring that material is flush to D-Cut cutter fence and does not move or shift while cutting. Pre-fit both pieces of the outside corner together to ensure a tight fit and make any minor adjustments as needed. Once the corner is tight, use Loctite Liquid Professional Super Glue (or an equivalent, liquid super glue) to glue corner pieces together at the joint.

Once the super glue has dried, apply

adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install corner to substrate.

## COPING METHOD

Install one side of the inside corner as usual, ensuring base is flush against both surfaces. Using a Miter-Saw or a D-Cut cutter, cut the backside of the other side of the corner to a 45° angle, revealing the profile. Use a utility knife to undercut the angle of the base to fit snugly against the other side of the corner. Make final adjustments as necessary and apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install corner to substrate.

## 8. INITIAL MAINTENANCE

Ensure that adhesive has cured for recommended period of time prior to conducting initial maintenance. Remove any protective coverings prior to cleaning. Sweep, dust or wipe material to remove any dirt, dust or debris. DO NOT use vacuums or electric brooms which have beater bars, hard plastic bottoms, a rubber bumper or are lacking proper padding or protection, as this may cause marking, discoloration, scratching and loss of sheen. Do not use detergents, abrasive cleaners or "mop and shine" type products, as they will dull the finish and sheen of the material.

Mix 2-4 ounces of Excelsior NC-900 Neutral Cleaner per gallon of clean, potable water. Use a clean towel or cloth to apply cleaner to material. If heavily soiled, an additional cleaning may be required. Use clean towel or cloth to remove any and all excess cleaning solution. Rinse area with clean, cool water and allow material to dry entirely. Ensure material is clean and that all cleaning residue has been removed (this may require additional rinsing).

For further information regarding daily or routine maintenance, please consult the

product care & maintenance document or the associated product technical data sheet.

## 9. PAINTING PROCEDURES

Pinnacle Plus wall base may be painted, if desired. Once wall base has been cleaned and wall base is free of all residues which may interfere with bonding, the wall base must be primed prior to final painting. Be sure to select a high quality primer that is recommended and compatible with rubber and vinyl, such as a 100% acrylic or a 100% acrylic latex paint primer. Test compatibility on an un-installed piece of wall base to confirm adhesion, compatibility and performance.

Once the primer has properly dried, the wall base can be painted with a high quality acrylic latex paint. Follow all primer and paint manufacturer's recommendations and guidelines. Confirm proper maintenance procedures for paint prior to cleaning.

## 10. WARRANTY

Roppe provides a 2 Year Limited Warranty on all Pinnacle Plus Wall Base materials. For additional information, see associated warranty documents.

**FOR PROFESSIONAL USE ONLY. PLEASE CONSULT ALL ASSOCIATED TECHNICAL DATA SHEETS, SAFETY DATA SHEETS, MAINTENANCE DOCUMENTS AND WARRANTY INFORMATION PRIOR TO INSTALLATION.**