Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Important

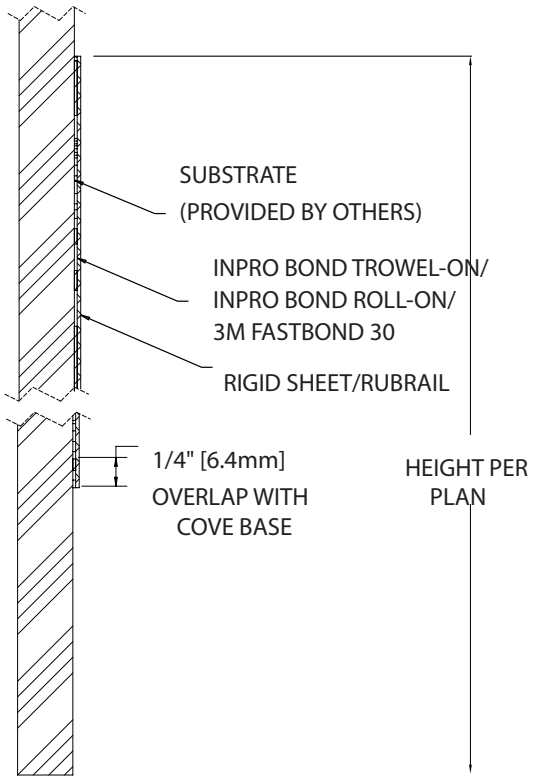
Storage

Flat sheet - Store Palladium® Rigid Sheet, adhesives, and sealants in a clean, dry, interior area at temperatures between 50° F and 95° F [10°-35°C]. Keep out of direct sunlight. Make sure sheet is well supported.

- Store in a clean, dry, interior area
- Avoid direct sunlight
- Store sheet, adhesives and sealants between 50°F and 95°F [10°- 35°C]

Rolled Sheet – Unroll sheet material immediately upon receipt and store sheet, adhesives, and sealants in clean, dry, interior area at temperatures between 50° F and 95° F [10°-35°C]. Keep out of direct sunlight. If the rolled material does not lay flat, reverse roll the sheet until it does lay flat. Make sure sheet is well supported. Keep sheet length to a maximum of 12' [3.6M]. When installing rolled sheet, follow the non-porous installation instructions.

- Unroll rolled sheet immediately
- Reverse roll material until it lays completely flat.
- Store in a clean, dry, interior area
- Avoid direct sunlight.
- Store sheet, adhesives and sealants between 50°F and 95°F [10°-35° C].
- Keep sheet length to a maximum of 12' [3.6M].
- For rolled sheet, follow non-porous installation steps.



Acclimate

24 hours before the installation, acclimate the sheet material and adhesive in the environmentally controlled area where it will be installed. This area requires a temperature between 65°F and 80°F [18°-27°C] and a humidity level less than 80%. Choose and maintain a constant temperature between 65°F - 80°F [18°-27°C] and a constant humidity level less than 80% in the installation area 24 hours before installation, during the entire installation, and 48 hours after the install

- Acclimate sheet and adhesives in the environmentally controlled installation area.
- Acclimate sheet and adhesives at temperatures between 65°F and 80°F [18°-27°C].
- Acclimate sheet and adhesives at humidity less than 80%.
- Maintain a constant temperature and humidity 24 hours before, during, and 48 hours after installation.

Recommended Tools

Paint/Primer (if needed), Chalk Line or Laser Level, Level, Inpro #545 Trowel, 1/8" [4mm] V-notches with ½" [13mm] Spacing Between Notches, Recommended Adhesives – Inpro Bond Roll-on, Inpro Bond Trowel-on, or 3M Fastbond 30, Smooth Foam Paint Roller (for 3M Contact Cement), 1/4" Nap Paint Roll Cover (for Inpro Bond Roll-on), Paint Roller Frame, Paint Pan, Paint Pan Liner, Straight Edge, Utility knife with Extra Blades, Painter Tape, Inpro #333 Extension Roller, 9" [229mm] Wide, Clean Cloths, Water

IPC.461/REV.25

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Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail



407A
OPTIONAL
ALUMINUM
TOP CAP



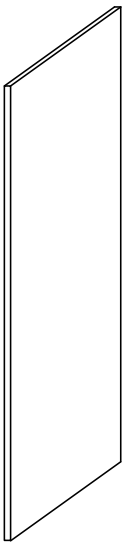
409A
OPTIONAL
ALUMINUM
INSIDE
CORNER



408A
OPTIONAL
ALUMINUM
VERTICAL
DIVIDER



420A
OPTIONAL
ALUMINUM
CORNER
GUARD



PALLADIUM® RIGID
SHEET



407
TOP CAP



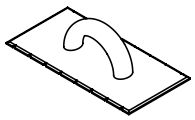
409
INSIDE
CORNER



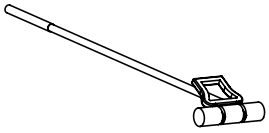
408
VERTICAL
DIVIDER



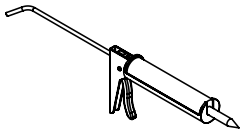
TAPE-ON
CORNER
GUARD



INPRO #545
TROWEL



INPRO #333
EXTENSION ROLLER



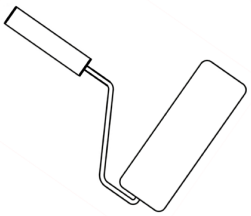
#585-XXXX COLOR
MATCH CAULK
(OPTIONAL)



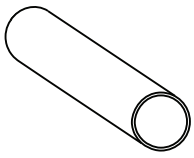
INPRO BOND TROWEL-ON
#600 - 1-GAL, #601 - 5-GAL

INPRO BOND ROLL-ON,
#602 1-GAL, #603 4-GAL

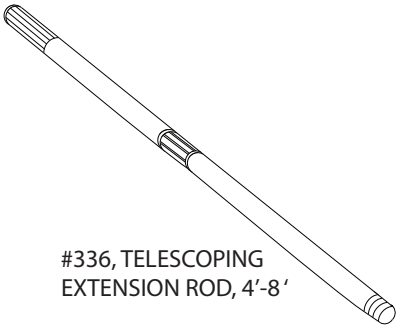
3M FASTBOND 30
CONTACT CEMENT
#505 - 5-GAL
#510 1-GAL
#520 - 1-QUART



#335,
9" ROLLER FRAME



#334, 1/4" NAP ROLLER
COVER - 9-INCH



#336, TELESCOPING
EXTENSION ROD, 4'-8'

inpro. | ACCULINE
Inpro Engineered. Acculine Adapted.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Wall Preparation

Walls must be free from dirt, grease, and loose paint. Remove any coatings designed to improve clean-up, since these coatings may affect adhesion. Glossy surfaces may require sanding or priming to help promote adhesion. Do not install sheet if the moisture content of the drywall is greater than 4%.

New drywall or plaster – Walls must be smooth and wiped clean to remove dust. If using Inpro Bond Trowel-on Adhesive, seal or prime walls with paint or primer that does not contain Polyvinyl Acetate (PVAc). Allow paint/primer to dry in accordance with the manufacturers application instructions.

- Remove Dust and Dirt
- Seal walls with paint/primer.
- If using Inpro Bond Trowel-on Adhesive, DO NOT use paint/primer that contains Polyvinyl Acetate (PVAc)

Painted Drywall or Plaster - If using Inpro Bond Trowel-on Adhesive, test painted walls for adhesion by applying a 12" x 12" [305mm x 305mm] piece of Palladium® Rigid Sheet in an inconspicuous area. Allow the test sheet to remain adhered for 24 hours. Remove test sheet. If paint has softened, strip the paint off the wall and reseal with a recommended paint/primer.

- Test the wall to make sure paint is compatible with adhesive.
- Strip the paint off wall if adhesives softens paint after testing.

Concrete and Concrete Masonry Units – Fill surface of concrete walls with an appropriate filler to make it smooth. If using Inpro Bond Trowel-on Adhesive, seal or prime walls with paint or primer that does not contain Polyvinyl Acetate (PVAc). Allow paint/primer to dry in accordance with the manufacturer's application instructions. Unfilled grout lines may telegraph through the sheet, especially with thinner sheet thicknesses.

- Fill concrete to make smooth.
- Seal concrete with paint/primer.
- If using Inpro Bond Trowel-on Adhesive, DO NOT use paint/primer that contains Polyvinyl Acetate (PVAc)

Non-Porous Substrates - Some non-porous substrates include metal, ceramic tile, high-pressure laminate, epoxy painted walls, vinyl wall covering (VWC), and rigid sheet. Inpro Bond Adhesive can be used to apply rigid sheet to securely adhered vinyl wallcovering or rigid sheet and other non-porous substrates. Adhering rigid sheet over existing sheet or VWC will increase smoke generation and flame spread and negate the Class A fire rating. If you choose to do this, follow the non-porous installation instructions.

Paint/Primer Choices

Inpro Bond Trowel-on Adhesive - Seal substrates with a good quality paint or primer that does not contain Polyvinyl Acetate (PVAc).

Inpro Bond Roll-on Adhesive or 3M Fastbond 30 Contact Cement - Seal substrate with a good quality paint or primer.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Cutting and Dry Fitting Sheets

When handling sheet, be careful and avoid kinking the sheet. Layout sheet location on the wall marking plumb lines and level lines where needed. When laying out sheet, allow a 1/16" [2mm] gap between sheet material and ceilings, floors, corners, door casings, window casings, and between sheets. Do not install cove base directly over rigid vinyl sheet, vinyl wallcovering, ceramic tile, metal, or other non-porous surfaces. Overlap these materials with the cove base by 1/4" [7mm]. See Figure 1. Cut sheet material with a metal straight edge and a sharp utility knife. Cut the sheet using multiple passes. Cut openings in the sheet for outlets and other objects located on the wall. Dry fit the sheet to the wall by holding it in place on the wall. When installing multiple sheets in an area, dry fit all sections. Do not install sheet material too close to heat registers, radiators, and other equipment that may produce excessive heat. Sheet installation in these areas may cause de-lamination or bubbling of the sheet.

- DO NOT kink the sheet when handling.
- Mark plumb lines and level lines on wall.
- Allow 1/16" [2mm] between sheet and ceilings, floors, walls, casings, and other sheets.
- DO NOT install cove base directly over rigid sheet; Overlap sheet with cove base by 1/4" [7mm].
- Use a straight edge and sharp utility knife to cut sheet material.
- Cut sheet using multiple passes with the utility knife.
- Cut sheet from the non-finish side.
- DO NOT install sheet too close to heat sources.
- Dry fit the sheet to the wall.

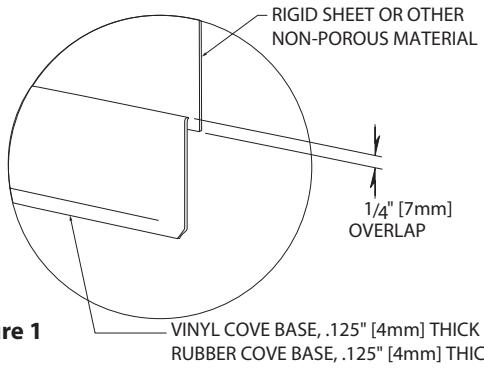


Figure 1

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Figure 2

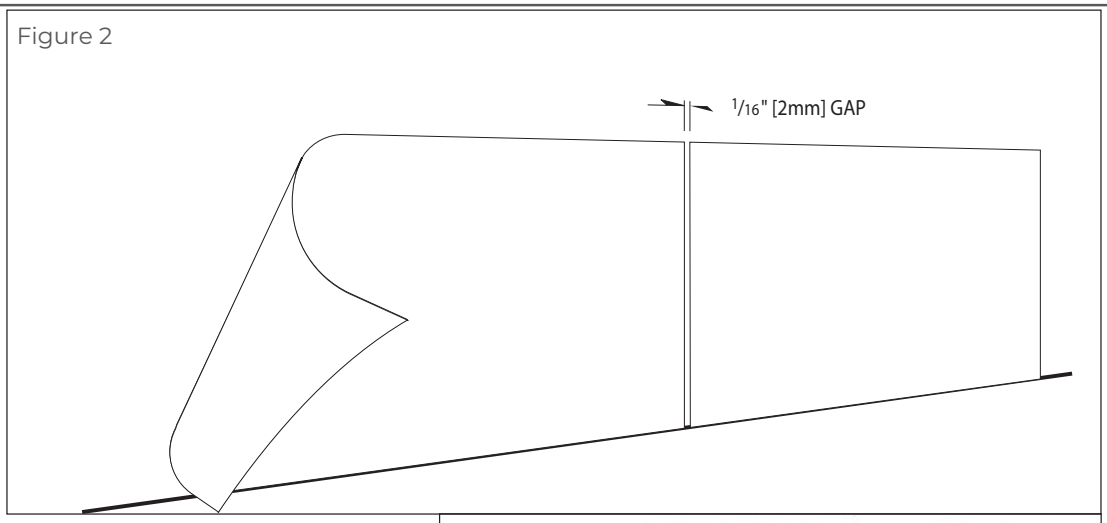
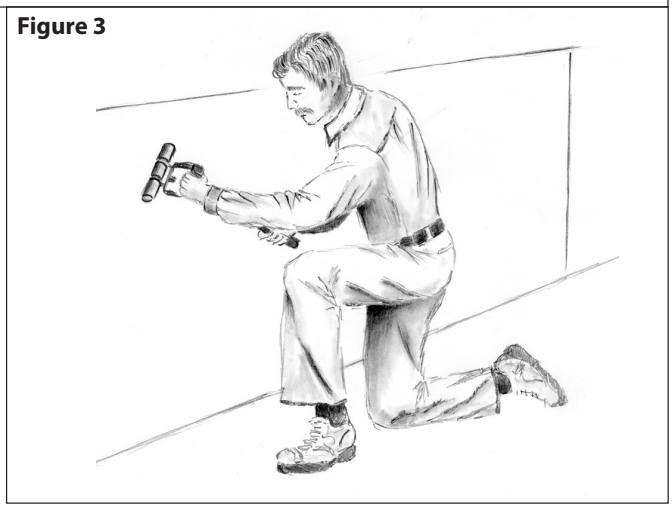


Figure 3



Trim Pieces (see figure 4)

If using trim pieces with an Inpro Bond installation, install the first sheet on the wall. Cut trim pieces with a metal straight edge and sharp utility knife. Slide vertical divider bars or inside corners on the next sheet to be installed. Overlap the edge of the sheet on the wall with the divider bar or inside corner. With aluminum divider bars, slide sheet into the divider bar. When using top caps and vertical divider bars, notch the back of the top cap where it intersects with the divider bar (see figure 5). Install the top cap by sliding it on the top edge of the sheet after the sheet is in place. Roll all trim pieces and the entire sheet with an extension roller (Inpro item # 333). Stainless Steel Trim - Cut stainless steel trim with a hack saw or similar. Tape exposed surfaces with painters tape to help protect it when cutting.

- Cut trim pieces with a sharp utility knife.
- Overlap trim piece over the first sheet installed.
- Notch the back of the top cap where it intersects the vertical divider bar.
- Slide top cap on edge of sheet after sheet is on wall.
- Roll all trim pieces and entire sheet with extension roller.
- Cut stainless steel trim with a hack saw or similar.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

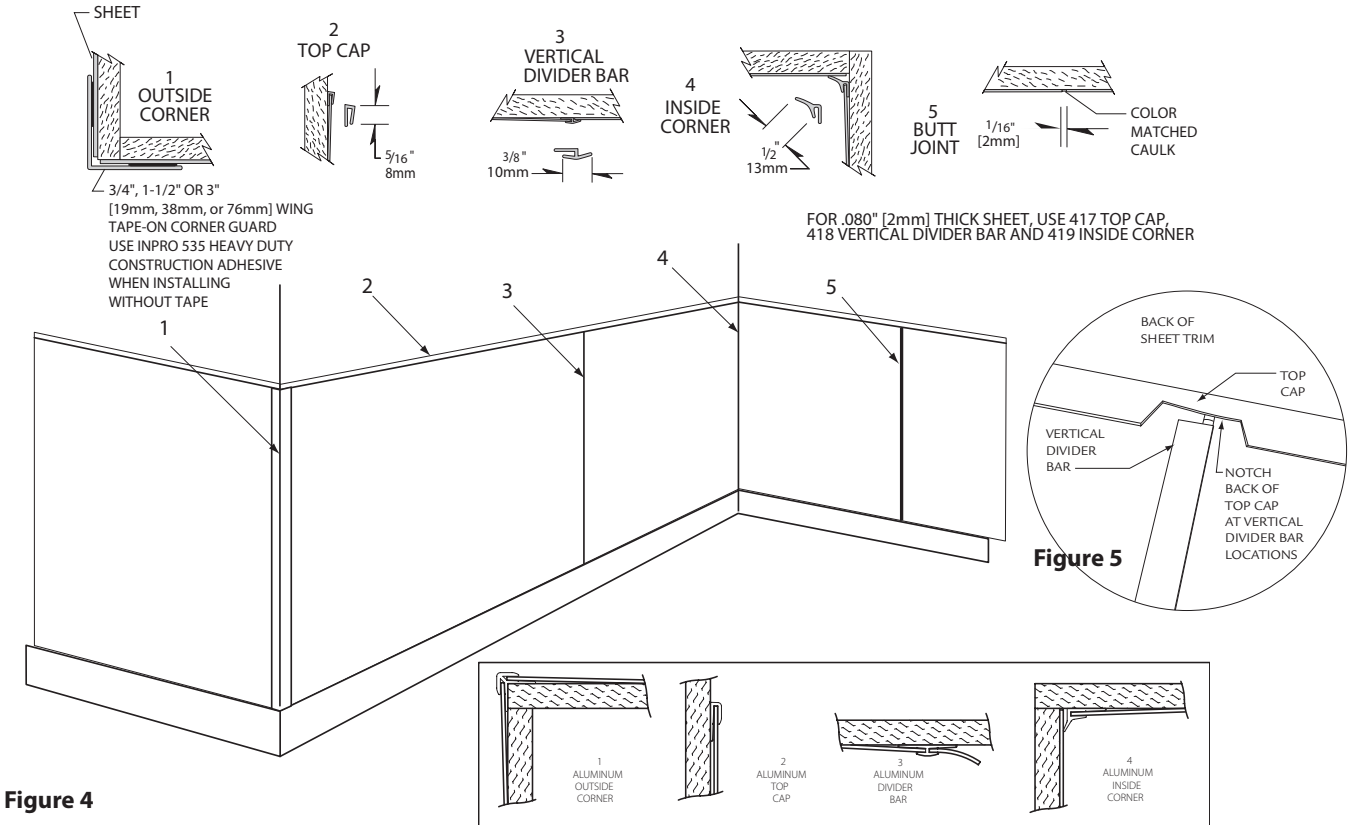


Figure 4

Figure 5

Color Matched Caulk

Use Color Matched Caulk to fill in the joints between sheets. Apply masking tape along both edges of the joint. Cut the spout on the tube at a 45° angle. Apply the color matched caulk to the joint. With a putty knife or finger, remove excess caulk from the joint. Immediately after applying the caulk remove the painters tape. If sinking occurs, reapply Color Matched Caulk following the same steps. Remove unwanted caulk, before it cures, with a water dampened cloth.

- Apply masking tape on the edges of the joint.
- Apply caulk to joint and remove excess with putty knife.
- Remove painters tape before caulk cures.
- Repeat caulk application if sinking occurs.
- Remove unwanted caulk before it cures.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Inpro Bond Roll-On Adhesive

Adhesive Application Inpro Bond Roll-On Adhesive
Application temperature: After following the steps to acclimate the materials, choose and maintain a constant temperature between 65°F and 80°F with an indoor humidity level below 80%. Use a ¼" nap paint roller cover to apply adhesive. The adhesive is a light blue color. Apply adhesive evenly to the entire area where the sheet is to be installed. Apply adhesive only to the wall surface. Do not apply adhesive to the back of the sheet. Remove any excess adhesive from unwanted surfaces with a damp cloth before the adhesive has cured. Cured adhesive is nearly impossible to remove. De-natured alcohol and a soft cloth may help remove cured adhesive. Adhesive application rate is 250 square feet per gallon with a ¼" nap roller.
Note: Inpro Bond Roll-On Adhesive is for smooth walls (Level 4 drywall finish)

- Note: Inpro Bond Roll-On Adhesive is for smooth walls (Level 4 drywall finish)
- Allow materials to acclimate
- Adhesive is light blue to help you see if the application is even
- Use a ¼" nap paint roll cover to apply adhesive to the wall. Do not apply to back of the sheet
- Remove adhesive from unwanted surfaces before it cures
- Remove cured adhesive with denatured alcohol or rubbing alcohol
- Application rate is approximately 250 square feet per gallon

Porous Substrate – Roll-on Adhesive tack time
Temperature and humidity levels will affect the time it takes for adhesive to tack-up. After adhesive is applied to the wall, install sheet within 15-minutes using slight initial hand pressure. Prior to rolling the sheet you will be able to reposition the sheet. As time passes repositioning sheet will be more difficult and possibly damage the drywall. As it cures, adhesive becomes tacky and does not transfer to your finger – at this point you will not be able to apply the sheet and reposition the sheet. If too much time has passed and you think you will need to reposition the sheet, apply another coat of adhesive to the wall and install the sheet immediately. The installer is responsible for determining the tack time of the adhesive, based on job site conditions. Do a test installation if needed.

- Temperature and humidity levels affect adhesive tack times.
- After adhesive is evenly applied to the wall install sheet within 15-minutes
- If needed reposition sheet before rolling it to the wall.
- When too much time has passed (tack time longer than 15-minutes) repositioning may not be possible
- If you think you will need to reposition the sheet, apply another coat of adhesive to the wall and install the sheet immediately
- The installer is responsible for determining the tack time based on job-site condition. Test if needed.

Non-Porous Substrates – Roll-on Adhesive tack time
Some non-porous substrates include metal, high-pressure laminate, epoxy painted walls, and vinyl wall covering. When applying adhesives to these substrates, moisture in the adhesive will not be absorbed by the substrate. Longer tack times are required. Roll adhesive onto the substrate and allow adhesive to tack-up for 40-minutes. Let the adhesive become tacky and not transfer to your finger when touched. Air movement can reduce tack time. Temperature and humidity levels will affect the time it takes for adhesive to tack-up. The installer is responsible for determining the tack time of the adhesive, based on job site conditions. Do a test installation if needed. Align the sheet perfectly since the longer tack time makes repositioning the sheet difficult or impossible.

- Non-porous substrates require longer tack times
- Allow adhesive to tack-up so the adhesive does not transfer to your finger (about 40-50 minutes)
- Installer is responsible for determining tack times. Test if needed.
- Position sheet perfectly, repositioning will not be possible.

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Inpro Bond Roll-On Adhesive (continued)

Positioning the sheet
Wipe the back of the sheet to remove any dust. Position the sheet on the wall aligning the edges with plumb lines or level lines. Hold sheets back from ceiling, floors, corners, casings, and other sheets by 1/16" to allow for expansion. Apply slight hand pressure to the surface of the sheet. With porous substrates, if needed, reposition the sheet on the wall by carefully pulling it back and re-aligning it to the wall. Use an extension roller (Inpro item # 333) to firmly bond the sheet to the adhesive. If using top caps (J-trim) do not roll a 1-inch area where the top caps are to be installed. Apply heavy body pressure to every square inch of sheet, starting at the center and working to the edges, making sure it is bonded securely to the wall. Once rolled, the sheet cannot be re-positioned without damaging the drywall.

- With very little pressure, position sheet on the wall aligning with level lines.
- Leave a 1/16" gap between sheets, casings, base board, and ceilings
- Before rolling the sheet, reposition the sheet by carefully pulling it back from the wall.
- Once properly positioned, roll sheet with extension roller to make sure it is bonded to the wall.
- If using top caps do not roll the area where they are to be installed.

Trim Pieces
If using trim pieces, install the first sheet on the wall. Cut trim pieces with a metal straight edge and sharp utility knife. Slide vertical divided bars or inside corners on the next sheet to be installed. Overlap the edge of the sheet on the wall with the divider bar or inside corner. When using top caps and vertical divider bars, notch the back of the top cap where it intersects with the divider bar. Install the top cap by sliding it on the top edge of the sheet after the sheet is in place. Roll all trim pieces and the entire sheet with an extension roller (Inpro item # 333).

- Cut trim pieces with a sharp utility knife.
- Overlap trim piece over the first sheet installed.
- Notch the back of the top cap where it intersects the vertical divider bar.
- Slide top cap on edge of sheet after sheet is on wall.
- Roll all trim pieces and entire sheet with extension roller.

Clean-up
Completion: Immediately upon completion of installation, clean sheet and remove layout marks, excess adhesive, and surface blemishes. Cured adhesive is difficult to remove. Use denatured alcohol and rub gently with a soft cloth. After adhesive is removed, wipe the area with a general-purpose cleaner like fantastic®. Rinse the area with a water dampened cloth. Dry with a clean, soft cloth.

Maintain environmentally controlled conditions after the installation. Large temperature changes can cause delamination.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Inpro Bond Trowel-On Adhesive

Adhesive Application Inpro Bond Trowel-On Adhesive

Apply adhesive only to the wall surface. Do not apply adhesive to the back of the sheet. After adhesive is applied, it will need to cure before applying the sheet. Application temperature: After following the steps to acclimate the materials, maintain a constant temperature between 65°F and 80°F [18°-27°C] with an indoor humidity level below 80%. Use a 1/8" x 1/8" [4mm x 4mm] V-notched trowel with ½" [13mm] spaces between the V-grooves to apply adhesive (see figure 2). Apply adhesive to the entire area where the sheet is to be installed. Remove any excess adhesive from unwanted surfaces with a damp cloth before the adhesive has cured. Cured adhesive is nearly impossible to remove. Do not let adhesive dry in the notches of the trowel. This will change the application rate of the trowel. Application rate is 150 square feet per gallon [3.7sq. M/per liter] with Inpro Trowel #545.

- Allow materials to acclimate following the recommendations stated earlier.
- Use a V-notched trowel with 1/8" x 1/8" [4mm x 4mm] V-notches spaced ½" [13mm] apart. (Inpro item #545)
- Apply adhesive only on wall.
- Apply adhesive to the entire wall area where sheet will be installed.
- Remove any excess adhesive before it has cured.
- Clean trowel so notches do not get clogged.
- Application rate is 150 square feet per gallon [3.7 sq. M/per liter] using V-notched Inpro Trowel #545

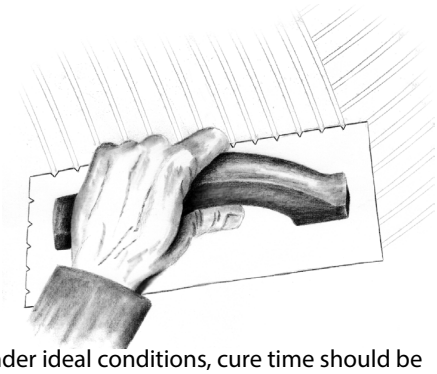


Figure 6

Adhesive Curing, Porous Substrate

Temperature and humidity levels will affect the time it takes for adhesive to cure. Under ideal conditions, cure time should be 45-60 minutes. It could be significantly longer, but not more than 3 hours. When first applied the adhesive is white. As it cures, it becomes translucent and tacky. Install the sheet material when 60-75% of the adhesive has become translucent or when it becomes tacky and does not transfer to your finger. Fans will increase air movement and reduce cure time. ***The installer is responsible for determining the cure time of the adhesive, based on job site conditions. Do a test installation if needed.***

- Adjust cure time for temperature and humidity level.
- Allow adhesive to become 60-75% translucent or let adhesive become tacky and not transfer to your finger when touched.
- Use fans to reduce cure time.
- ***The installer is responsible for determining the cure time of the adhesive, based on job site conditions.***
- Do a test installation, if needed.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Inpro Bond Trowel-On Adhesive (continued)

Adhesive Curing, Non-Porous Substrate (follow these steps for rolled sheet)

Some non-porous substrates include metal, ceramic tile, high-pressure laminate, epoxy painted walls, and vinyl wall covering. When applying adhesives to these substrates, moisture in the adhesive will not be absorbed by the substrate. Longer cure times are required. Allow the adhesive to become 90% translucent. Let the adhesive become tacky and not transfer to your finger when touched. Temperature and humidity levels will affect the time it takes for adhesive to cure. Cure times may range from 1 hour but not more than 3 hours. Fans will increase air movement and reduce cure time. ***The installer is responsible for determining the cure time of the adhesive, based on job site conditions. Do a test installation if needed.*** Align the sheet perfectly, since the longer cure time makes the adhesive behave like contact cement. Readjusting the sheet may be difficult or impossible.

- Allow adhesive to cure longer (at least an hour but not more than three hours)
- Allow the adhesive become 90% translucent and let adhesive become tacky and not transfer to your finger when touched.
- Use fans to reduce cure time.
- ***The installer is responsible for determining the cure time of the adhesive, based on job site conditions.***
- Do a test installation, if needed.
- Position the sheet perfectly, since adhesive behaves like contact cement.

Positioning Sheet

Wipe the back of the sheet to remove any dust. After the adhesive has cured, position the sheet on the wall aligning the edges with plumb lines or level lines. Hold sheets back from ceiling, floors, corners, casings, and other sheets by 1/16" [2mm] to allow for expansion (see figure 2). If needed, reposition the sheet on the wall by carefully pulling it back and re-aligning it to the wall. Use an extension roller (Inpro item # 333) to firmly embed the sheet into the adhesive (see figure 3). Apply heavy body pressure to every square inch of sheet, starting at the center and working to the edges, making sure it is bonded securely to the wall.

- Wipe the back of sheet to remove dust.
- Position sheet on wall.
- Allow 1/16" [2mm] gaps for expansion.
- Reposition sheet before rolling if needed.
- Roll entire sheet with extension roller, starting at the center and working to the edges.

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

3M Fastbond 30 Contact Cement

Contact Cement Application

Apply 3M Fastbond 30 Contact Cement to the back of the sheet and on the wall with a smooth foam paint roller or brush. Let the contact cement completely dry on both surfaces. Contact cement should not transfer to your hand when touched. If areas remain wet, adhesion problems will occur. Drying time will vary depending on the temperature and the humidity level. Drying time can be as little as ½-hour, but could be significantly longer depending on conditions. Once the contact cement is dry, apply the sheet to the wall within 4 hours. If using trim pieces, cut and slide them on the sheet before coating the back of the sheet with contact cement. Remove any excess contact cement with a water dampened cloth before the contact cement dries.

- Apply contact cement to the back of sheet and the wall
- Let both surfaces completely dry.
- Adjust drying time for the jobsite conditions.
- Once dry, apply the sheet to the wall within 4 hours.
- If using trim pieces, slide them on the back of sheet before coating with contact cement.
- Remove excess contact cement before it dries.
- Coverage - 680 sq. ft./gallon

Positioning Sheet (Contact Cement)

Carefully position the sheet on the wall, by aligning the edges of the sheet to the level/plumb lines. Hold sheets back from ceilings, floors, corners, casings, and other sheets by 1/16" [2mm] to allow for expansion. Do not install cove base directly over rigid vinyl sheet, vinyl wallcovering, ceramic tile, metal, or other non-porous surfaces. Overlap these materials with the cove base by 1/4" [7mm]. Once the sheet makes contact with the wall it will be permanently bonded. Repositioning the sheet will be impossible without damaging the sheet and/or the wall. The use of "paper slip sheets" between the rigid sheet material and the wall may help with the positioning of sheet material. After positioned, roll all trim pieces and the entire sheet with an extension roller (Inpro item # 333). Start at the center and work to the edges of the sheet.

- Carefully position sheet to wall.
- Use "Slip Sheets" to help position sheet material.
- Allow 1/16" [2mm] gaps for expansion.
- DO NOT install cove base directly over rigid sheet; overlap sheet with cove base by 1/4" [7mm]
- Roll trim pieces and the entire sheet with an extension roller, starting at the center and working to the edges.

Installation on Radius Walls and Columns

The recommendation for installation of sheet on radius walls and columns:

Minimum Radius - 1-foot radius (2-foot diameter)
Sheet thickness - .040" (1mm)
Adhesive - 3M Fastbond 30 Contact Cement

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Installation Instructions

Palladium® Rigid Sheet/Rubrail or Palladium® G2 Sheet/Rubrail

Clean-up

Completion: Immediately upon completion of installation, clean sheet and remove layout marks, excess adhesive, and surface blemishes. Cured adhesive is difficult to remove. Use mineral spirits and rub gently with a soft cloth. After adhesive is removed, wipe the area with a general purpose cleaner like fantastic®. Rinse the area with a water dampened cloth. Dry with a clean soft cloth.

- Upon completion, remove layout marks, excess adhesive, and surface blemishes.
- Cured Adhesive.
- Use mineral spirits and gently rub.
- Follow by wiping with a cleaner like fantastic®.
- Rinse sheet with water dampened cloth.

Maintenance

Rigid Sheet:
For general cleaning, use Antibacterial fantastik® All Purpose Cleaner Heavy Duty. Use a clean, lint-free cloth and wipe clean. For tough stains, like markers, pencil, white marks, and rubber heel marks, the following was shown to be most effective: Do not use any abrasive cleaning cloths or sponges.

- Zep® Heavy Duty Citrus Degreaser
- Clorox® Clean-up with Bleach
- Antibacterial fantastik® All Purpose Cleaner Heavy Duty

1. Spray products onto sheet and wipe with a dampened cloth.
2. Repeat process if stain remains. If cleaning product residue remains, rinse with water.

Note: Any reference to a specific branded product does not constitute an endorsement by Inpro Corporation.

After Installation

Maintain environmentally controlled conditions after the installation. Large temperature changes can cause delamination.

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Important Notes

1. Store all materials including adhesives and sealants in an indoor location that is clean, dry and away from direct sunlight. Temperature is to be between 50°F and 95°F.

2. Maintain a climate controlled installation area.

3. When installing, choose and maintain a temperature between 65°F-80°F and a humidity level below 80%, 24 hours before and during installation

4. Maintain temperatures between 65°F and 80°F after installation.

5. Do not install sheet if the moisture content of the drywall is greater than 4%.

6. Acclimate sheet, trim and adhesives to the installation temperature 24 hours before installation.

7. With large orders of sheet, acclimate the sheet in stacks of 25.

8. Unroll rolled sheet material immediately upon receipt and allow it to lay flat. Failure to do this may result in the sheet pulling away from the wall.

9. Reverse roll rolled sheet until it completely lays flat. If ends are curled, reverse roll for a longer amount of time. Tip - Reverse rolling an entire roll may have better results than rolling smaller pieces.

10. Do not expose sheet material to ultraviolet (UV) light. Exposure to UV may result in fading or color change.

11. Do not install sheet material in direct sunlight or areas of elevated temperature. Excessive heat may cause bubbles and/or distorted sheet.

12. Cut sheet material with a metal straight edge and a sharp utility knife. Multiple cuts may be required.

13. Maximum installed sheet length is 12-feet.

14. Leave a 1/16" gap between sheets for expansion and contraction. Use Fastfill™ Color Matched Caulk to fill the gap.

15. Leave 1/16" gap between sheet material and doorjambs, baseboards and ceilings. Use Fastfill™ Color Matched Caulk to fill the gap.

16. Leave oversized openings in the sheet for pipes, ducts, etc. to allow for expansion. Use Fastfill™ Color Matched Caulk as needed.

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17. Use pick resistant Fastfill™ Color Matched Caulk. Do not use pick proof sealants. These do not allow for thermal movement.

18. Verify cove base installation with the cove base or the cove base adhesive manufacturer to see if it can be installed over a non-porous surface.

19. Inpro Bond Trowel-On, Inpro Bond Roll-On, and 3M Fastbond 30 are the recommended adhesives. Use of other adhesives will void the fire rating and warranty.

20. Seal porous substrates, like drywall, with a paint or primer that does not contain Polyvinyl Acetate (PVAc).

21. Make sure the back of the rigid sheet is free from dust and dirt. Remove dust with a clean cloth and clean water. Do not use any cleaners or solvents.

22. Do not use adhesives that have been frozen and thawed more than 5 times. Frozen adhesives must completely thaw and must be at the installation temperature 24 hours before using.

23. Do not stir or dilute adhesives.

24. Apply Inpro Bond Trowel-On Adhesive with the proper trowel only to the wall surface.

25. Apply Inpro Bond Roll-On Adhesive with a 1/4”nap paint roller only to the wall.

26. Allow Inpro Bond Trowel-On Adhesive to tack-up.

    Porous walls - Let the adhesive tack-up to 50%-60% translucent. Tack-up times varies with temperature and humidity. Typical tack time is between ½ hour and 1-1/2 hours. Do not go beyond 3-hours. High-speed fans can reduce tack-up time.

    Non-porous walls - Let the adhesive tack-up to 90% translucent. Tack-up times varies with temperature and humidity. Typical tack time is between 1-1/2 hours and 2-1/2 hours. Do not go beyond 3-hours. High-speed fans can reduce tack-up time.

27. Remove excess adhesive, before it cures, with clean warm water and a soft cloth.

28. Do not use harsh solvents on sheet material. Do not use abrasive pads or cloths on sheet material.

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