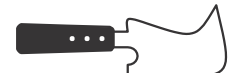
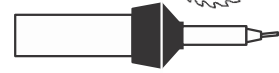
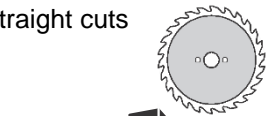


INSTALLATION INSTRUCTIONS SPM Wall Panels

1. TOOLS REQUIRED

- 1.1. Measuring tape and pencil
- 1.2. Utility knife
- 1.3. Wood Scraper Red Devil 3010-1"
- 1.4. Humidity tester Tramex Moisture Encounter or similar
- 1.5. Aviation Snips
- 1.6. CRAIN 333 Extension Wall Roller
- 1.7. Hinge Scriber Crain 188
- 1.8. Level – 6ft.
- 1.9. Mozart trimmer
- 1.10. Trimming Tool RDP
- 1.11. Toe Trimmer
- 1.12. Recommended trowel size is 3/32" x 3/32" x 3/32" flat 'V'
- 1.13. Vacuum with hose
- 1.14. Circular saw with fine-toothed carbide blade for aluminum/PVC for straight cuts
- 1.15. Vibrating multitool
- 1.16. Gerflor Bending Machine
- 1.17. Leister HOT JET S with Roller tip
- 1.18. Caulk Gun
- 1.19. Quarter moon knife/spatula knife
- 1.20. Wood planer
- 1.21. Denatured alcohol, Ethanol, heptane or Isopropyl alcohol



2. BEFORE FITTING AND ADJUSTING

- 2.1. Check the humidity levels of the surface to be glued at several points using a humidity tester. Humidity levels must not exceed 25 %. If using a pin meter WME must be less than 16.
- 2.2. All substrates must be structurally dry, solid, and stable.
- 2.3. Sheetrock should be prepared to a finish level of 3 or better which includes a coat of primer (PVA or equal).
- 2.4. The substrate should be clean and free of dirt, oil, grease, oil – or epoxy paint, curing agents, concrete sealers, loosely bonded patching compounds, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- 2.5. All surfaces must be plumb, level, flat, and smooth.
- 2.6. Masonry and concrete walls must be free of hydrostatic pressure and moisture issues. It is recommended to smooth these types of walls with an appropriate patching compound where welded joints will be present.
- 2.7. Check that the surface of the wall is not greasy or loose and that there are no large holes.

INSTALLATION INSTRUCTIONS SPM Wall Panels

- 2.8. Holes larger than 1 in. or deeper than ½ in. must be filled with appropriate filling compound for that substrate before the installation.
- 2.9. Wall panels must be at the same temperature as the premises in which they are to be installed (for at least 24 hours) to prevent distortion.
- 2.10. Any tests of the HVAC systems of the building must be performed before the installation of the panels.
- 2.11. If the installation is carried out at temperature significantly different from 68°F (i.e., Improper heating in winter), bear in mind the variations shown in the table below when installing.
- 2.12. If the panels will be exposed to temperature changes more than 15°F (e.g., behind a bay window), expansion joints must be provided.
- 2.13. To prove suitability of bond and smoothness a mock-up test area should be installed prior to the beginning of panel installation.

3. TABLE OF WALL PANEL DIMENSIONAL VARIATIONS

Temperature in °F	Variation for each for each 3 lin. Ft. of length	NOTES
60 °F	-1/32 in.	Minimum temperature
68 °F	0	Ideal temperature
75 °F	+1/32 in.	Acceptable temperature
85 °F	+1/16 in.	Maximum temperature

IMPORTANT: If the work must be performed under extremely hot conditions, and before the HVAC system comes into service, it is of the utmost importance to understand that the dimensional variations of the wall panels will be excessive. Therefore, we recommend that the temperature at the time of installation be the same or close to the ambient temperature that the room will be once in service.

- 3.1. Wall panels may be adhered using different adhesive, depending on the type of surface needing protection. The table below shows the assembly procedures to be used for the main types of materials used in buildings. For each procedure, it is important to press down on the bonding surfaces with a minimum pressure of 14 psi.

TYPE OF WALL	INSTALLATION PROCEDURE
Sheetrock	Gerfix 505 SPM Wall Panel Adhesive
Brick	Gerfix 505 SPM Wall Panel Adhesive
Wood	Gerfix 505 SPM Wall Panel Adhesive
Sheet metal	Gerflor T-111 PU Adhesive (metal protected by anti-rust paint)
Mobil Units	Gerflor T-111 PU Adhesive (contact Gerflor Technical for recommendation)

INSTALLATION INSTRUCTIONS **SPM Wall Panels**

4. RECOMMENDED ADHESIVES FOR WALL PANELS:

4.2. Gerfix 505 SPM Wall Panel Adhesive

4.3. Gerflor T-111 Two-Part Polyurethane Adhesive

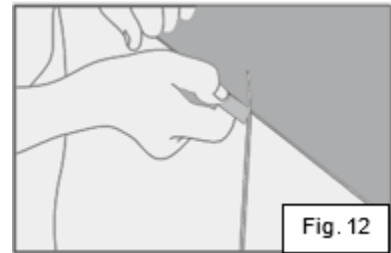
NOTE: When using polyurethane adhesive additional training is required. Please contact Gerflor Technical Services for additional guidance and to receive additional training.

4.4. Fresh Gerfix 505 acrylic adhesive smudges can be removed with warm water. Dried adhesive can be removed using a PVC spatula.

4.5. Gerfix 505 Acrylic adhesive can be stored for 12 months but must be protected from freezing.

4.6. Fresh Gerflor T-111 polyurethane adhesive must be removed immediately – use denatured or isopropyl alcohol.

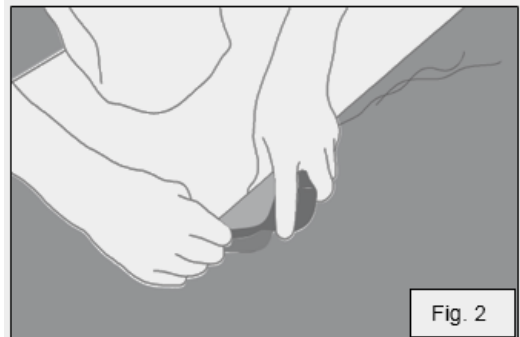
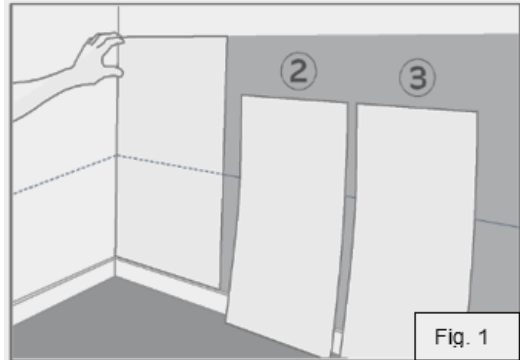
4.7. Gerflor T-111 polyurethane adhesive can be stored for 12 months but must be protected from freezing.



INSTALLATION INSTRUCTIONS SPM Wall Panels

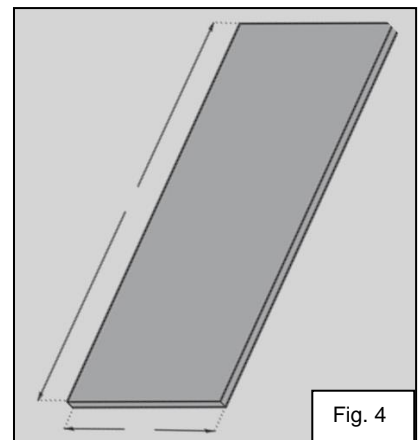
5. CUTTING OUT AND ADJUSTING THE WALL PANELS

- 5.1 Trace a leveled line at 4-5 ft. high on the walls to be installed. See fig.1.
- 5.2. Trace a line on the panel to allow for proper measurements of the cuts to be done at both ends of the panel.
- 5.3. Measure each section of wall up and down starting from the leveled line and then cut the panels to the heights and lengths required.
- 5.4. Use track saw or multitool to cut the panels to shape.
- 5.5. Use numbers to mark the location of the panels on the sections of walls.
- 5.6. Place the panels against their respective wall sections and check for alignment against moldings, flashcoving and floors.
- 5.7. To align properly, place the panel against the wall and press it against the floor (or flashcoving).
- 5.8. Adjusting the alignment (or re-cutting, where necessary) should be done with a planer.
- 5.9. Cut-outs for wall switches and holes should be made using a multitool or hole saw/step drill bit.
- 5.10. Always pre-bevel the edges of the panels that will be welded/beveled. See Fig. 2 and 3.



6. APPLYING THE ADHESIVE AND INSTALLING THE PANELS

- 6.2. Apply the adhesive with the recommended notched trowel.
- 6.3. Apply the adhesive to the back of the panel. Always keep adhesive 1/8" away from all edges. See fig. 4.
- 6.4. Once the surface is completely covered, allow 10-minute open time before installing the panel.
- 6.5. Check the adhesive open time by placing a fingertip against the glued surface.
- 6.6. For Gerfix 505, do not let the adhesive create a skin.
- 6.7. It is important to properly clean the panel's surface (side applied into the adhesive) using a damp rag or denatured alcohol before installing the panels.



INSTALLATION INSTRUCTIONS SPM Wall Panels

- 6.8. Set the panel in place, being sure to allow the space needed between each panel for expansion.
- 6.9. Press down over the entire surface of the panel, using a roller, and apply pressure to the panel (fig.6).
- 6.10. For Gerfix 505 use a rag dampened with warm water to clean off any excess adhesive (fig. 7).
- 6.11. For Gerflor T-111 use denatured/isopropyl alcohol and a rag to clean off any excess adhesive (fig. 7).
- 6.12. Where the length of the wall requires multiple panels, these must be fitted and adjusted one after the other. Always allow for proper spacing between panels (fig.8).
- 6.13. Panels will be bent and adjusted for inside and outside corners before adhering any panels.
- 6.14. As a rule, leave a 1/16" gap between panels, outlets and fixed elements such as millwork, piping, wall sockets, handrail brackets etc.

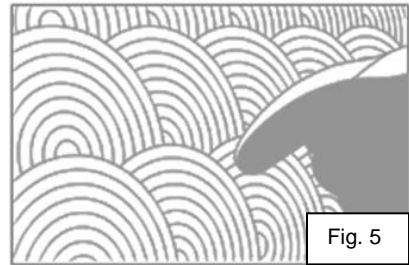


Fig. 5



Fig. 6

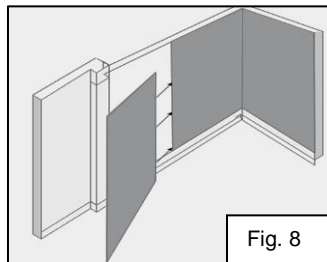


Fig. 8

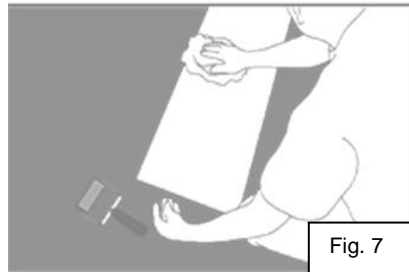


Fig. 7

7. CEILING INSTALLATION

- 7.2. Pre-fit each panel before adhering in place.
- 7.3. All cuttings and holes or fixtures drilling must be done prior to the application of adhesive.
- 7.4. Mark panels position on the ceiling according to the desired layout.
- 7.5. Make a straight line using a chalk-line or a laser.
- 7.6. Apply 1"x 1/32" double sided tape to ceiling where panel edges will be positioned. The double-sided tape should be installed in such a manner that the middle of the tape is positioned where the panel edge will come to rest. Prior to installing double sided tape and anywhere tape will be in contact with the ceiling substrate apply a thin layer of Gerfix TPS adhesive (this enhances the bond of the double-sided tape to the substrate).
- 7.7. Measure and cut each panel to be installed as the perimeter of the ceiling will most likely not be straight.
- 7.8. Trim the panel to fit accordingly.
- 7.9. Allow 1/16" for expansion on the perimeter and at the seams.
- 7.10. The edges of the panels that will be welded should be pre-beveled before installing on the ceiling.

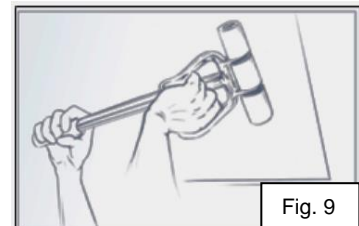


Fig. 9

INSTALLATION INSTRUCTIONS SPM Wall Panels

- 7.11. Position a piece of 1"x1/32" double sided tape in the middle of the panel parallel to the longest panel edge. Make sure to apply a thin layer of Gerfix TPS adhesive to the area of the ceiling substrate where this tape will come to rest.
- 7.12. Apply the adhesive to the panel using a 3/32" x 3/32" x 3/32" flat 'V' notched trowel. Do not apply any adhesive along the panel edges where the panel will meet the double-sided tape already installed on the ceiling substrate.
- 7.13. Peel papers face off of the double-sided tape that has been placed on the back of the panel and then install panel on the ceiling leaving appropriate space at panel joints and edges for expansion and contraction.
- 7.14. Using a hand roller, remove air pockets by rolling out toward the edges of the panel.
- 7.15. Peel the paper face off the double-sided tape around the perimeter of the panel and press panel onto tape. Take care when peeling the paper face off the tape as it will be re-installed to the exposed tape where the next panel will be installed. Re-roll entire panel.
- 7.16. Install the next panel.
- 7.17. The nature of panels is to expand and contract.
- 7.18. Without leaving required room for expansion and contraction, panels can develop buckles and/or bulges because panel movement will occur.

NOTE: When installing panels on a ceiling, using a solvent free contact adhesive is also recommended. Using contact adhesive is very challenging and requires skills that not every installer have. Repositioning the panel when using contact adhesive is merely impossible.

8. HEAT WELDED SEAMS

- 8.2. Heat welded seams are used to provide a good seal between two wall panels or any wall panel against flashcovered Gerflor Mipolam floorings.
- 8.3. Check that there is a 1/16" gap between the panels.
- 8.4. Cut a length of welding rod, adding 4" to the length needed.
- 8.5. Make sure that the welding tip is clean.
- 8.6. Set the gun temperature to 5 and airflow to 4.
- 8.7. Let the gun warm up for 3-5 minutes until it reaches its working temperature.
- 8.8. Feed the welding rod into the nozzle and begin the weld.
- 8.9. Start the weld from top to bottom, maintaining pressure on the start point with a finger (fig.10).
- 8.10. Work slowly downwards along the length of the seam, ensuring proper fusion of the panels and the rod without burning the panel.
- 8.11. At the end of the seam, use a knife to cut off any excess rod but keep pressure on the end of the seam for about 5 seconds (fig.11).

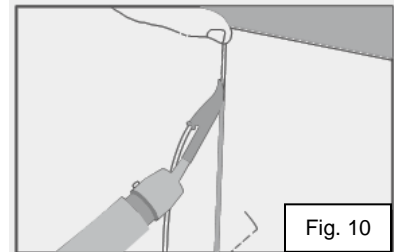


Fig. 10

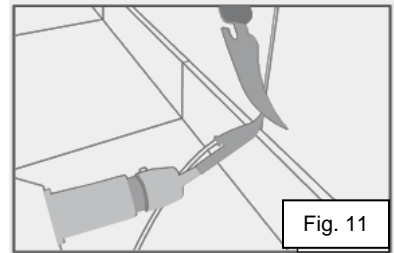


Fig. 11

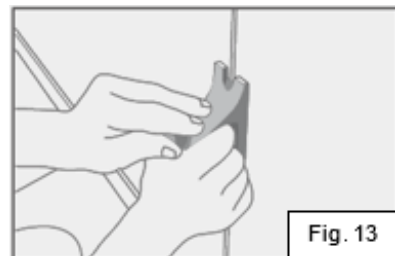


Fig. 13

INSTALLATION INSTRUCTIONS SPM Wall Panels

8.12. When welding has been completed reset the gun to the 0 setting until it has cooled down properly and then switch the gun off.

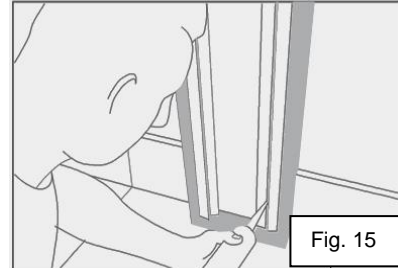
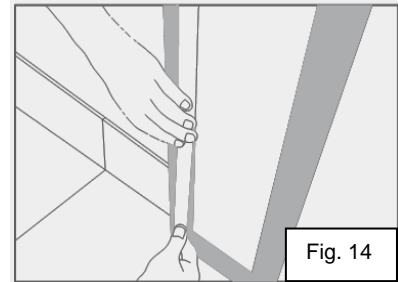
8.13. Clean the nozzle using a brass wire brush.

NOTE: Always practice on left over pieces before working the welds on the finished walls

8.14. Cut back any excess of welding rod above the seam using a knife.

8.15. Trimming the weld rod while slightly warm will result in a flusher transition.

8.16. Finally, use the Mozart skiving tool or quarter moon trimming knife to remove any excess of welding rod. This must be done in 2 passes. (fig.13).



9. APPLYING SILICONE CAULK

9.2. Silicon caulking is used to provide a good seal between wall panels and any cut-out or abutment.

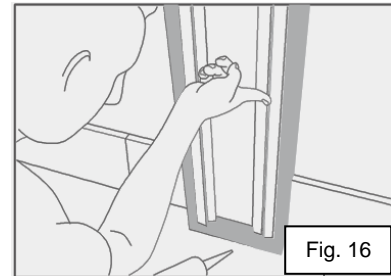
9.3. Check that there is a 1/16" gap between the panels and the fixed elements.

9.4. Apply strips of masking tape to protect each side of the joint (fig.14).

9.5. Use a caulking gun to apply a bead of silicon along the length of the joint (fig.15).

9.6. Spread the silicon caulk with a finger or a caulking applicator (fig.16 & 17).

9.7. Remove the masking tapes.



10. INSTALLING WALL PANELS ON ROUND COLUMNS

10.2. Adjusting and installing wall panels on a round column will be achieved with pre-curving wall panels by heat-forming to fit the dimensions of the column. Each column will need a minimum of 2 pieces of wall panels (i.e., in two halves).

10.3. Wall panels for columns need pre-curving and hot-forming when the diameter is less than 30".

10.4. Any column with a diameter over 30" can be installed without pre-curving the panels.

10.5. Heat-formed panels should be made 1/2" oversize in both directions to allow for adjustment and fitting.

10.6. Fit the first hot-formed panel using the correct procedure for fitting panels (fig.18).

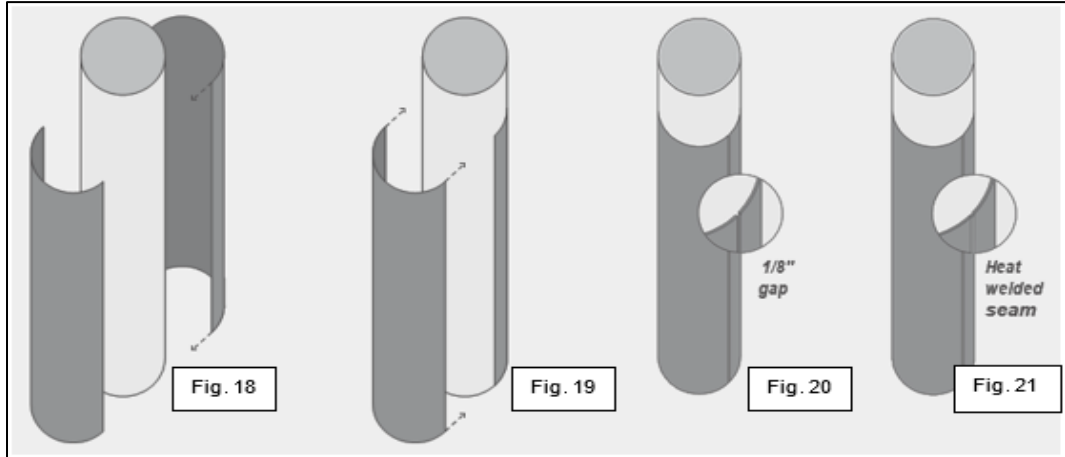
10.7. Given the rounded shape, two coats of adhesive will be needed to attach the hot-formed panels to the column.

10.8. Outline the areas to be glued and then apply the adhesive to both, the panel and the column and install the panel.



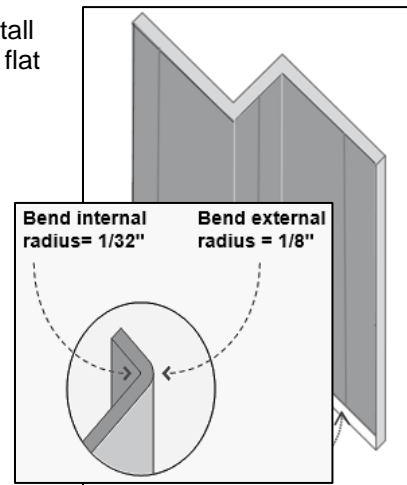
INSTALLATION INSTRUCTIONS SPM Wall Panels

- 10.9. Then fit the second panel, leaving gaps of 1/16" between the panels on each side (fig.19 and fig.20).
- 10.10. Once the two panels are installed and the adhesive has setup overnight, heat weld the seam on both sides to finish the installation (fig.21).



11. INSTALLING WALL WITH BENDS FOR ANGLES

- 11.2. Where wall panels are to be installed, it is important to properly seal the wall panels themselves and the flooring. To achieve this level of seal tightness, the inside and outside corners must be bent using the Gerflor bending machine.
- 11.3. While installing wall panels with bent corners, fit and install all the internal and external corners first, then install the flat panels.
- 11.4. Install the corners and the flat panels using the right procedures.
- 11.5. Leave a gap of 1/16" between each panel to allow for the welding rod.
- 11.6. Finally weld the seams as indicated in section 3.5.

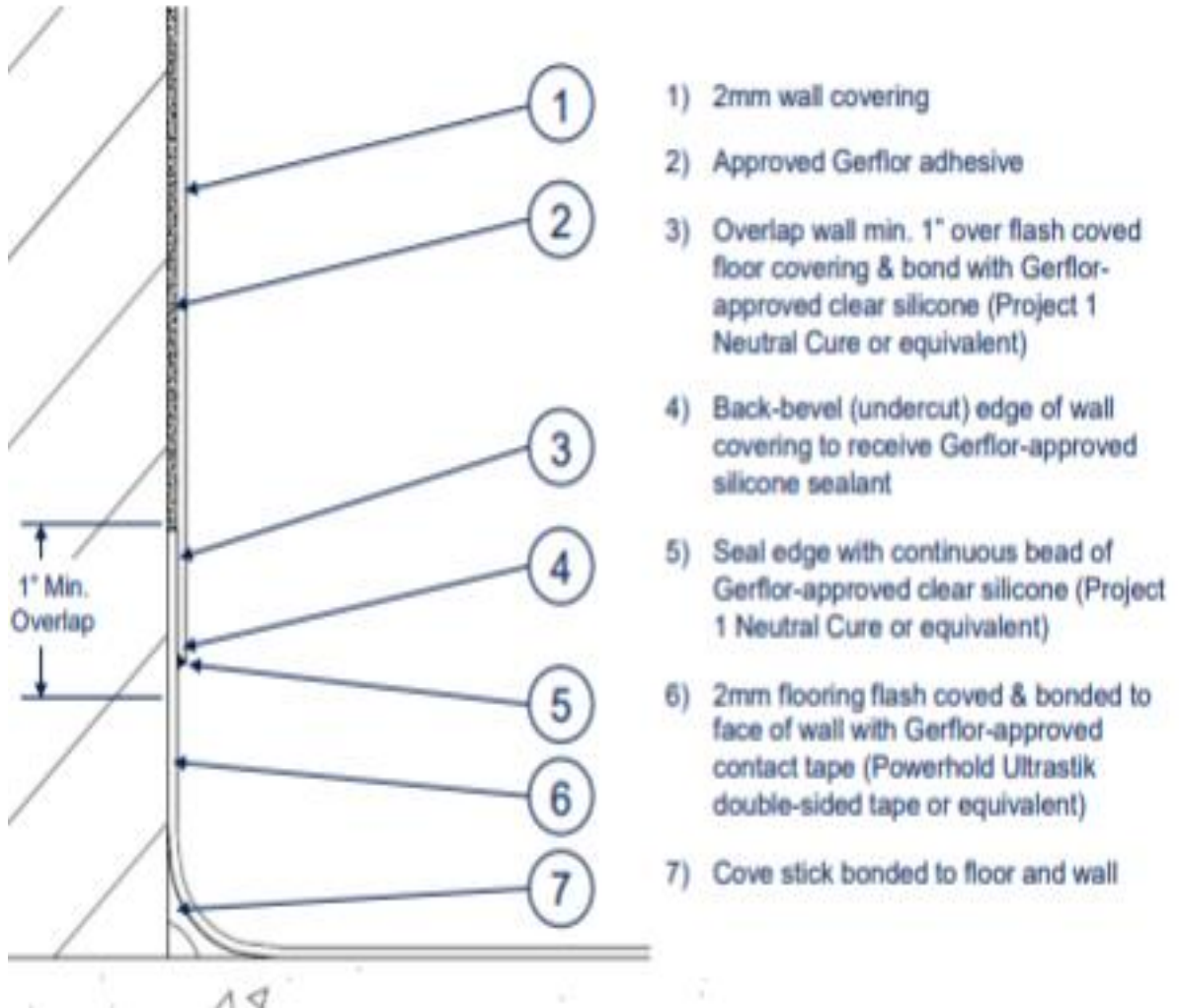


12. INSTALLING PANELS IN WET AREAS

- 12.1 Flooring should be installed 1" taller than desired height.
- 12.2 Back-bevel bottom of panel prior to installing.
- 12.3 Along the back of the bottom 1" of the panel apply Gerflor approved silicone sealant.
- 12.4 Install panel using T-111 adhesive. The panel should extend 1" lower than previous installed flooring.
- 12.5 After welding all joints seal bottom edge of panels with continuous bead of Gerflor-

INSTALLATION INSTRUCTIONS SPM Wall Panels

approved clear silicone (Project 1 Neutral Cure or equivalent)



13. SPM WALL PANELS MAINTENANCE

13.2. Wall panels have been tested for their resistance to most of the cleaners, disinfectants and antiseptic products used by clean industry and healthcare establishments.

13.3. Amongst others, the products listed below have been tested and proved to efficient without causing any damages to the SPM Wall Panels:

DETERGENTS	NEUTRAL pH DETERGENTS
DETERGENT DISINFECTANTS	DIVERSEY OXIVIR DIVERSEY VIROX
DESCALERS	TASKI CALCACID
OTHERS	70% surgical alcohol Betadine Ammonia

For better results when cleaning the SPM Wall Panels, we recommend the following products:

- Ammonia
- Ethanol

INSTALLATION INSTRUCTIONS
SPM Wall Panels

- Isopropyl alcohol
- Heptane

SOLVENTS NOT TO BE USED

Mineral spirit
Paint thinners

IT IS IMPORTANT TO USE SOLVENTS THAT LEAVE NO RESIDUE, EITHER GREASY OR DRY.

In all cases, test the product first on a left-over piece of panel. Reactions will vary depending on the color of the panels and the solvents used and the concentration.

GERFIX 505 SPM WALL PANEL ADHESIVE

1. DESCRIPTION

- 1.1. Gerfix 505 wall panel adhesive has been specifically formulated as a bonding agent for Gerflor SPM wall panels.

2. FEATURES AND BENIFITS

- 2.1. Exceptional wet grab to hold wall panels firmly in place
2.2. Light in color; non-staining
2.3. Low odor
2.4. Low VOC content
2.5. Industry Standards and Approval

2.5.1. CRI Green Label Plus #GLP90603. Refer to CRI website at www.carpet-rug.org for additional information.

2.5.2. RFCI IP #1, Recommended Installation Practice for Homogeneous Sheet Flooring



GLP90603

3. WHERE TO USE

- 3.1. Use to install Gerflor SPM wall panels to approved substrates.

4. LIMITATIONS

- 4.1. Do not install over any substrates containing asbestos.
4.2. For interior installations only
4.3. Do not install over nonporous paints, wallpapers, vinyl wall coverings, laminates, ceramic tile, metal or similar nonporous wall finishes.
4.4. Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).
4.5. Protect containers from freezing in transit and storage. If frozen, material should not be stirred until it has completely thawed. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

5. SUITABLE SUBSTRATE

- 5.1. Gypsum wallboard with paper intact
5.2. Gypsum and cement-based wall-patching compounds that are hard, durable, well-bonded and fully cured
5.3. Exterior-grade plywood, Group 1, CC type
5.4. Fully cured smooth masonry and concrete walls as recommended by the panel manufacturer.
5.5. Consult the manufacture's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

6. SURFACE PREPARATION

- 6.1. All substrates must be structurally sound, dry, solid and stable.
6.2. The substrate should be clean and free of dust, dirt, oil, grease, oil- or epoxy-based paint, curing agents, concrete sealers, loosely bonded patching compounds, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
6.3. All surfaces must be level, even, flat and smooth.

GERFIX 505 SPM WALL PANEL ADHESIVE

6.4. Masonry and concrete walls must be free of hydrostatic pressure and moisture issues.

7. MIXING

- 7.1. Ready to use, no mixing is necessary
- 7.2. Choose all appropriate safety equipment before use.
- 7.3. Refer to the Safety Data Sheets for details.

8. PRODUCT APPLICATION

- 8.1. Read all installation instructions thoroughly before installation.
- 8.2. Spread adhesive evenly over the panels, keeping the trowel at a 75° to 90° angle to the panel..
- 8.3. For working time and flash time, refer to “Application Table.”
- 8.4. Temporary bracing may be required if wall panels are not straight.
- 8.5. **Application Properties at 73°F (23°C) and 50% relative humidity**

	Open Time*	Working Time**
SPM Wall Panels	0 to 10 minutes	10 to 30 minutes

* Open Time is the waiting time required before installing wall panels.

** Working time is the window of time for the adhesive to accept wall panels.

NOTE: Open time and working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

9. APPROXIMATE PRODUCT COVERAGE***

Installation Type	Typical Trowel***	Coverage
Walls/Ceilings	3/32" x 3/32" x 3/32" 	70 to 80 sq. ft. per U.S. Gal.

*** Trowel dimensions are depth/width/space. The substrate condition has a direct effect on adhesive consumption. Coverage shown is for estimating purposes only. Actual job site coverage may vary according to substrate conditions, type of trowel used, trowel angle used, and setting practices.

10. PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
Polymer Type	Acrylic Based
Color	Beige
Percent Solids	45-65%
VOC	40 g/l
pH	8 to 10
Density	10.7 lbs./gallon (1.28 Kg/L)
Consistency	Buttery
Flash Point (Tag)	>212°F (100°C)
Shelf Life	24 months when stored in original, unopened packaging at 73°F (23°C)

GERFIX 505 SPM WALL PANEL ADHESIVE

Storage Conditions	Store at 65°F to 80°F (18°C to 26°C)
--------------------	--------------------------------------

NOTES: Refer to technical and safety data sheets for complete information regarding uses, application, limitations and safety.

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

11. CLEANING

11.1. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.

11.2. Clean tools with water while the adhesive is still fresh/ wet. Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

NOTE: Refer to technical and safety data sheets for complete information regarding uses, applications, limitations and safety.

GERFLOR T-111 2-PART POLYURETHANE ADHESIVE

1. DESCRIPTION

- 1.1. Gerflor T-111 is a high-performance two-component polyurethane adhesive for interior installations of all Gerflor SPM Wall panels. It has excellent resistance to moisture, heat and water, plus outstanding adhesion at low temperatures.

2. FEATURES AND BENEFITS

- 2.1. Excellent indentation and shrinkage resistance.
- 2.2. Topical water resistant
- 2.3. Low VOC content.

3. WHERE TO USE

- 3.1. For the installation of SPM Wall panels on walls and ceilings.
- 3.2. Commercial (office buildings, cafeterias).
- 3.3. Heavy commercial (shopping malls, grocery stores, department stores).
- 3.4. Institutional (hospitals, schools, universities, libraries, government buildings).

4. LIMITATIONS

- 4.1. Do not install over any substrates containing asbestos.
- 4.2. Do not apply over any adhesive residues.
- 4.3. Do not use when the substrate temperature is below 50°F (10°C) or above 86°F (30°C).
- 4.4. Protect containers from freezing in transit and storage. If frozen, material should not be stirred until it has completely thawed. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

5. SUITABLE SUBSTRATES

- 5.1. Gypsum wallboard with paper intact.
- 5.2. Gypsum and cement-based wall-patching compounds that are hard, durable, well-bonded and fully cured
- 5.3. Exterior-grade plywood, Group 1, CC type
- 5.4. Fully cured smooth masonry and concrete walls as recommended by the panel manufacturer.
- 5.5. Consult the manufacture's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

6. SURFACE PREPARATION

- 6.1. All substrates must be structurally sound, dry, solid and stable.
- 6.2. The substrate should be clean and free of dust, dirt, oil, grease, oil- or epoxy-based paint, curing agents, concrete sealers, loosely bonded patching compounds, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- 6.3. All surfaces must be even, flat and smooth.

GERFLOR T-111 2-PART POLYURETHANE ADHESIVE

6.4. Masonry and concrete walls must be free of hydrostatic pressure and moisture issues.

7. MIXING

- 7.1. Wear rubber gloves and avoid skin contact during mixing, application and cleaning.
- 7.2. Parts A and B are packaged to exact quantity ratios for maximum performance.
- 7.3. Protect flooring from adhesive spills.
- 7.4. Pour all material out of the Part B (liquid) container into Part A (paste). Place the cap back on the Part B container and turn the container upside-down to ensure that all remaining material drains into the cap. Pour the remaining material into Part A. Always mix complete units. Do not add other materials to this mixture.
- 7.5. Use a low-speed mixer to ensure that the material is mixed thoroughly to a smooth, homogenous paste consistency (generally within 3 minutes). Do not allow the mixed product to sit in the container. Immediately after mixing, apply the adhesive to the substrate.
- 7.6. Wash all tools with denatured alcohol immediately after mixing. Once cured, Gerflor T-111 can be removed only by mechanical means.

8. PRODUCT APPLICATION

- 8.1. Read all installation instructions thoroughly before installation. (See section 6. 'Applying the adhesive and installing the panels')
- 8.2. Select the appropriately notched trowel (see "Approximate Product Coverage" section).
- 8.3. Spread adhesive to the back of the panel. Always keep adhesive 1/8" away from all edges, keeping the trowel at a 45° to 60° angle to the back of the panel.
- 8.4. For working time and open time, refer to "Application Table."
- 8.5. Roll the SPM Wall panel with a sectional hand roller across the width and length of the panel surface.

	Open Time*	Working Time**
SPM Wall Panels	No open time	10 to 40 minutes

Note: There is no 'open time' required for this adhesive type. Adhesive transfer must be 100% wet transfer to the back of the SPM panel. If the adhesive skins over or dries it must be scrapped up and new adhesive applied.

9. APPROXIMATE PRODUCT COVERAGE

Installation Type	Typical Trowel***	Coverage
Non-Porous Walls/Ceilings	3/32" x 3/32" x 3/32" 	70 to 80 sq. ft. per U.S. Gal.

***Trowel dimensions are depth/width/space. Coverage shown is for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.

GERFLOR T-111 2-PART POLYURETHANE ADHESIVE

10. PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
Polymer Type	Polyurethane
Percent Solids	55 to 65%
VOCs (Rule # 1168 of California's SCAQMD)	Less than 34 g per L
Adhesive pH	7 to 9
Trowelability	Light
Density	8.3 lbs. per U.S. gal
Consistency	Creamy
Color	Off-white
Shelf Life	2 years when stored in un-opened original packaging at 73°F
Storage Conditions	40°F to 100°F
Flash Point (ASTM D56)	>212°F
Protect from Traffic	24 hours for light traffic, 72 hours for heavy traffic

NOTE: Refer to technical and safety data sheets for complete information regarding uses, application, limitations, and safety.

11. CLEANING

- 11.1.** Promptly clean any adhesive smudges from the flooring material's surface with denatured alcohol while the adhesive is still fresh/wet.
- 11.2.** Clean tools with denatured alcohol while the adhesive is still fresh/ wet. Once dried, the adhesive may be very difficult and sometime impossible to remove Use caution with denatured alcohol, which may be harmful to some materials.