



# **Addendum Technical Manual**

## **Flash Coving (Only Balanced, Restorative and Serenity Vinyl)**

### **and**

## **Sanitary Base (all Class I Vinyl)**

## **Installation**

Revised on 29Jun2023  
Supersedes all previous versions.  
Check website for current version.

### **INSTALLATION**

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**PLEASE NOTE:**

This manual is an addendum Technical Manual for the installation of Flash Coving (only for Balanced, Restorative and Serenity Class I vinyl) and Sanitary Base (for all Class I vinyl).

It is intended to be used in conjunction with the Technical Manuals for the products above. Before installing the Flash Coving or the Sanitary Base as outlined in this manual, please read and understand this manual and the corresponding Technical Manual mentioned above.

**I. INSTALLATION – Sanitary Base (Use 4mm underlayment)**

1. Remove the flooring from the shrink wrap and unroll it onto the floor. Lay the material on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length.
2. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2". End seams will be trimmed after acclimation period using a square to ensure they fit tightly without gaps.
3. After allowing proper acclimation and rough cuts are made you may begin the installation.

**4. NOTE: it is very important that the first seam is perfectly straight.**

5. Position the second roll so it is snug with the adjacent roll, but not compressed. After seams are trimmed, if necessary, the edges should fit snug with no visual gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.
6. Repeat for each consecutive sheet or those rolls that will be installed that day.
7. After the rolls are rough fitted for the room, strike chalk lines 2" from the walls for Sanitary Base.
8. Where the chalk outline for the seam is marked, make square cut with a fixed, straight blade utility knife to prepare the Vinyl edge for the picture frame Sanitary Base installation. This allows the 2" space needed for the Sanitary Base to fit between the Vinyl material and the walls.
9. Cut down the **4mm** rubber underlayment into 2" wide strips strip to be installed between the wall and the prepared edge of the Vinyl.
10. After performing the above procedures, begin the application of the adhesive.

**NOTE: See product's Technical Manual for the adhesive information.**

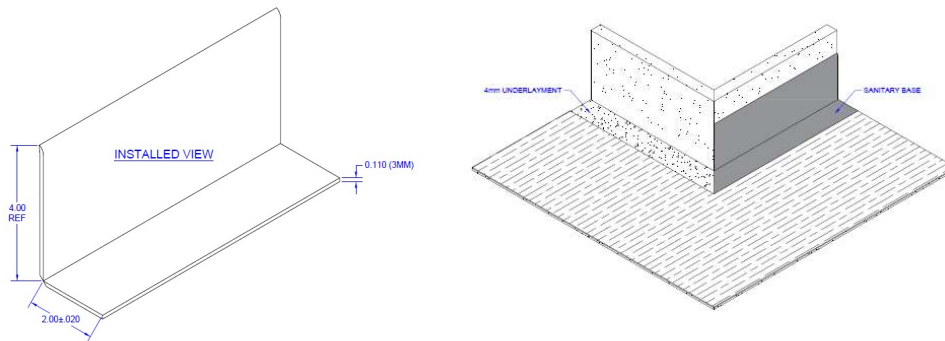
11. Remove the **4mm** x 2" rubber underlayment and set aside. Fold over the first Vinyl drop along the wall (half the width of the roll). Rolls are 6 feet wide and 30 feet long. When roll is folded over, this will leave an exposed area of substrate that is 3 feet wide and 30 feet long.
12. Spread the adhesive using the proper size square-notched trowel. Take care not to spread more adhesive than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.

**NOTE: Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.**

**NOTE: Do not allow adhesive to cure on your hands or the flooring. Cured adhesive is very difficult to remove. We strongly suggest wearing gloves while using adhesive. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.**

**NOTE: Use mineral spirits/ denatured alcohol sparingly.**

13. Lay the flooring and rubber underlayment into the wet adhesive. Do not allow the sheet material to “flop” into place; this may cause air entrapment and bubbles beneath the flooring.
14. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length. Hand roll all seams after the entire floor has been rolled.
15. Fold over the second half of the first roll and half the width of the second roll. Taking roll sizes into account, this will provide an exposed area of substrate of 6 feet wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
16. In some instances, it may be necessary to weigh down the seams, especially the end seams, until the adhesive develops a firm set.
17. Roll the **4mm x 2”** rubber underlayment into the adhesive and thoroughly roll with a hand roller
18. Continue the process for each consecutive drop and 2” rubber underlayment. Work at a pace so that you are always folding material back into wet adhesive bed.
19. **Let the adhesive cure for several hours before installing Sanitary Base.**



20. Sanitary base should be used for the entire area (except at the doorway), or as specified. Gaps between the wall and subfloor must not be larger than 1/8 inch. Gaps larger than 1/8 inch must be filled and smoothed, using a suitable product, before Sanitary Base installation.
21. Ensure the wall is dry, smooth and clean. If dusty, use a water-based primer diluted 1:1 with clean, potable water. Apply using a small paint brush.
22. Leaving the wax paper on the sides of the roll, apply the 3-3/4” E-Flash Tape directly to the wall (1/8 inch up from the floor), pressing firmly into place.
23. **Cut the 3-3/4” E-Flash Tape down to 2”** and install it to the top of the underlayment, tight to the intersection of the wall and floor, pressing firmly into place. Roll all tape with a hand roller before removing wax paper and before installing the Sanitary Base.
24. Dry cut the Sanitary Base to length, mitering as required, and ensure a tight fit at all seams. Remove the wax paper from the cut down 2-inch E-Flash Tape and firmly press the sanitary base into the tape, keeping it tight to the flooring.
25. Remove the wax paper from the 3-3/4” E-Flash Tape and firmly press Sanitary Base against wall.
26. Roll Sanitary Base with a hand roller to ensure a good bond.
27. To weld, groove all seams with a hand groover so as not to expose the rubber underlayment.
28. **Heat weld the flat seams**
29. **Cold weld the vertical seams.**

**NOTE: Cold weld must be locally sourced. Ecore recommends Bostik DUO-SIL.** Please see: [https://www.bostik.com/us/en\\_US/catalog/product/construction/nam/united-states/product-duo-sil](https://www.bostik.com/us/en_US/catalog/product/construction/nam/united-states/product-duo-sil)

30. Apply masking tape 1/8" away from each vertical seam on both sides of the seam. Apply a bead of cold weld and smooth the cold weld with a rounded spatula. Remove the tape and smooth the edges where the tape ended. Let cold weld dry 8 hours before initial cleaning.
31. Hand roll all seams after the entire floor has been rolled.
32. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from rolling loads for a minimum of 72 hours.

## **II. INSTALLATION – Flash Coving (use 5mm Underlayment)**

**NOTE: Ecore does not warrant shade match between fusion-bonded and unbacked material**

1. Remove the flooring from the shrink wrap and unroll it onto the floor. Lay the material on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length.
2. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2". End seams will be trimmed after acclimation period using a square to fit tightly without gaps.
3. After allowing proper acclimation and rough cuts are made, you may begin the installation.

**NOTE: it is very important that the first seam is perfectly straight.**

4. Position the second roll so it is snug with the adjacent roll, but not compressed. After seams are trimmed, if necessary, the edges should fit snug with no visual gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.
5. Repeat for each consecutive sheet or those rolls that will be installed that day.
6. After the rolls are rough fitted for the room, strike chalk lines 4" from the walls for flash coving.
7. Where the outline for the seam is marked, make square cut with a fixed straight blade utility knife to prepare the edge for the picture frame flash cove installation.
8. Cut down the 5mm rubber underlayment into 4" wide strips to be installed between the wall and the prepared edge of the Vinyl.
9. After performing the above procedures, begin the application of the adhesive.

**NOTE: See product's Technical Manual for the adhesive information.**

10. Spread the adhesive using the 1/16" square-notched trowel. Take care not to spread more adhesive than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.

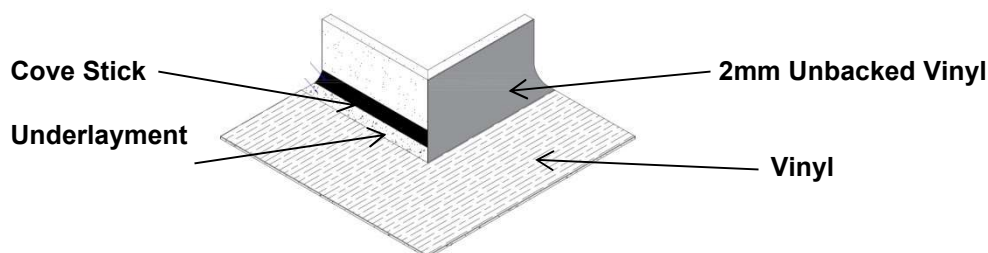
**NOTE: Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.**

11. Never leave adhesive ridges or puddles. They will telegraph through the material.

**NOTE: Do not allow adhesive to cure on your hands or the flooring. Cured adhesive is very difficult to remove and we strongly suggest wearing gloves. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.**

**NOTE: Use mineral spirits/ denatured alcohol sparingly.**

12. Fold over the first drop along the wall (half the width of the roll). Remove the 4-inch wide **5mm** rubber underlayment and set aside. Rolls are 6 feet wide and 30 feet long. When roll is folded over this will leave an exposed area of substrate that is 3 feet wide and 30 feet long.
13. Lay the flooring and rubber underlayment into the wet adhesive. Do not allow the sheet material to “flop” into place; this may cause air entrapment and bubbles beneath the flooring.
14. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length.
15. Fold over the second half of the first roll and half the width of the second roll. Taking roll sizes into account, this will provide an exposed area of substrate of 6 feet wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
16. Roll the **5mm** rubber underlayment into the adhesive and thoroughly roll with a hand roller
17. Continue the process for each consecutive drop and 4” rubber underlayment. Work at a pace so that you are always folding material back into wet adhesive bed.
18. **Let the adhesive cure for several hours before flash coving.**
19. Surfaces to receive the E-Flash tape should be completely clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loose particles and any other substance or condition that may prevent or reduce adhesion.
20. Vacuum surface with the brush attachment and then tack-mop the surface using a damp mop to remove remaining fines. Allow the surface to dry completely before installing the E-Flash Tape.
21. Apply 3-3/4” E-Flash Tape to the top of the **5mm** Rubber underlayment filler strip and roll with a hand roller.
  - a. Do not overlap the tape.
  - b. Avoid trapping air during placement.
  - c. Trim off excess tape with utility knife
22. Apply 3-3/4” E-Flash Tape on the wall / vertical surface, from the **5mm** Rubber underlayment edge to the where the finished cap edge will stop.
  - a. Do not overlap the tape.
  - b. Avoid trapping air during placement.
  - c. Trim off excess tape with utility knifeUsing a 1-1/4” cove stick for the radius, cut the miter for the outside and inside corners, trace cut and remove the tape release liner from the wall and floor, and adhere the cove stick.
23. Measure from the flooring cut edge to the top of the cap strip following the radius for the picture frame flash cove area. Strip a length of the 2mm unbacked vinyl material the same width as measured for the fill piece for the perimeter coved areas. Make mitered inside and outside corners.



24. Try-fit the 2mm unbacked vinyl material.
25. Peel back enough of the release liner on the wall and floor to install the 2mm unbacked vinyl material.
26. Begin to place the 2mm material and press into place. Take care to place the flooring in proper position because of the extreme difficulty of repositioning flooring materials once bonded to the E-Flash tape.
27. Pull back additional release liner and continue to place flooring.
28. Heat-weld all seams and inside and outside corners with welding rod.
29. Hand roll all seams after the entire floor has been rolled.
30. After rolling, keep all foot traffic off the floor for a minimum of 24 hours, heavy loads for 48 hrs. and free from rolling loads for a minimum of 72 hours or risk causing permanent indentations or debonding in the uncured adhesive.
31. Ensure that all traces of adhesive are removed from the surface of floor using a clean white cloth dampened with mineral spirits or denatured alcohol.

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