Commercial Vinyl-Backed

Installation System

Product	Gauge	ADHESIVE AND SEAMING OPTIONS						
		Full Spread			Perimeter Plus	Concentrated Static & Dynamic Load Areas	Heat Weld	S-761
		Porous (Optional) S-599 or S-543 Set-in-Wet	Porous and Nonporous S-599 or S-543 Dry-to-Touch	S-240	S-599/ S-240 Or S-543/ S-240	S-240*		
MEDINTECH MEDINTONE MEDLEY ROYAL SOLID	0.080″ (2.0 mm)	X	X			X	X	X
SAFEGUARD		X	X	X	X		X	
SAFEGUARD SPA					X		X	

** It is necessary to smooth out the adhesive trowel ridges of the S-240 Epoxy Adhesive using a 3/16" (4.8 mm) nap paint roller. The purpose of this is to create a uniform application of the S-240 Epoxy Adhesive.*

Installation:

Location: All grade levels

Pattern Match: No: Reverse pieces (TM edge to TM edge)
Note: ROYAL do not reverse (TM edge to non-TM edge)

Seam Method: Recess scribe

Seam Treatment: Heat weld or S-761 Seam Adhesive

Fitting: All methods

Suitable Substrates:

All substrates listed below must be properly prepared and meet the requirements discussed in Chapter 3, Subfloors and Underlayments. There may be other exceptions and special conditions for these substrates to be suitable for the Commercial Vinyl-Backed Installation System.

- Concrete (on all grade levels)
- Approved Suspended Wood
- Existing Resilient Floors
- Steel, Stainless Steel, Aluminum
- Ceramic Tile, Terrazzo, Marble
- Polymeric Poured (seamless) Floors

Job Conditions/Preparation:

- Resilient flooring should only be installed in temperature-controlled environments. It is necessary to maintain a constant temperature before, during and after the installation. Therefore, the permanent or temporary HVAC system must be in operation before the installation of resilient flooring. Portable heaters are not recommended as they may not heat the room and subfloor sufficiently. Kerosene heaters should never be used.
- Substrates must be dry, clean, smooth and free from paint, varnish, wax, oils, solvents and other foreign matter.
- In renovation or remodel work, remove any existing adhesive residue* so that 100% of the overall area of the original substrate is exposed.
- Allow all flooring materials and adhesives to condition to the room temperature for a minimum of 48 hours before starting the installation.

- The area to receive the resilient flooring should be maintained at a minimum of 65°F (18°C) and a maximum of 100°F (38°C) for 48 hours before, during and for 48 hours after completion. **NOTE: When using S-240 Epoxy Adhesives, the maximum room temperature should not exceed 85°F (29°C).**
- During the service life of the floor, the temperature should never rise above 100°F (38°C), nor fall below 55°F (13°C). The performance of the flooring material and adhesives can be adversely affected outside this temperature range.
- For concrete substrates, conduct moisture testing (moisture vapor emission rate [MVER]) and/or percent relative humidity (in-situ probe). Bond tests must also be conducted for compatibility with the substrate. Please refer to Chapter 3, Subfloors and Underlayments.
- Radiant-heated substrates must not exceed a maximum surface temperature of 85°F (29°C).
- Concrete floors should be tested for alkalinity. The allowable readings for the installation of Armstrong flooring are 5 to 9 on the pH scale.

** Some previously manufactured asphaltic "cutback" adhesives contain asbestos. For removal instructions, refer to the Resilient Floor Covering Institute's publication Recommended Work Practices for Removal of Resilient Floor Coverings.*

Fitting:

Unroll material and lay flat to allow the roll curl to relax before fitting. The lines on the back of SAFEGUARD and SAFEGUARD Spa represent trademark edges.

Material must be adhered within 4 hours of cutting and fitting.

Before installing the material, plan the layout so seams fall at least 6" (15.2 cm) away from subfloor/underlayment joints. Do not install over expansion joints.

When installing over an existing resilient floor, plan the layout so the new seams do not coincide with seams or joints of the existing installation.

Recommended fitting procedures include freehand knifing, straight scribing or pattern scribing.

Abutting Different Gauges of Resilient Flooring: When installing thinner gauge material next to thicker gauge materials, install thicker material first and then butt a 12" (30.5 cm) wide piece of S-153 Scribing Felt against the thicker material. Adhere the Scribing Felt to the subfloor with S-235 Adhesive. Use the fine notching of the Armstrong S-891 Trowel over nonporous substrates such as existing resilient flooring, and use the regular notching of the Armstrong S-891 Trowel over porous subfloors such as wood and concrete. Use Armstrong S-184 Fast-Setting Cement-Based Patch and Skim Coat or S-194 Patch, Underlayment and Embossing Leveler to feather the edge of the S-153 Scribing Felt to the level of the substrate. Allow the patch to dry completely before installing the flooring. Scribing Felt is not recommended to be used under the entire installation.

Procedure:

See Chapter 5, Adhesives, Trowel Notchings and Seam Treatments.

Clean adhesive residue from the surface of the flooring using a clean white cloth dampened with a neutral detergent and water. Give special attention to seam areas as they must be clean and dry before proceeding with heat welding or sealing.

Cut pieces to the proper length, allowing enough material at each end to flash 1-1/2" (31.8 mm) up the walls for fitting.

Adhesive Open Time and Trowel Notchings

Product and Adhesive	Open Time POROUS Subfloors	Open Time NONPOROUS Subfloors
MEDINTECH, MEDINTONE, MEDLEY, ROYAL and SOLID with **S-599 or S-543**	**Set-in-Wet:** (Optional) Approximately 10–20 minutes (paste-like consistency) **Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart	**Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart
SAFEGUARD, and SAFEGUARD SPA with **S-599 or S-543**	**Set-in-Wet:** (Optional) Approximately 10–20 minutes (paste-like consistency) **Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger)	**Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart

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MEDINTECH, MEDINTONE, MEDLEY, ROYAL, SOLID, with **S-240** adhesive; ridges back rolled with 3/16" (4.8 mm) nap roller	**Set-in-Wet:** Approximately 10–20 minutes (do **not** allow to dry-to-touch) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart	**Set-in-Wet:** Approximately 10–20 minutes (do **not** allow to dry-to-touch) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart
MEDINTECH, MEDINTONE, MEDLEY, ROYAL, SOLID, SAFEGUARD, and SAFEGUARD Spa with **S-580** (Flash cove areas only)*	**Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger) **Trowel Notching:** Brush-On or Roll-On	**Dry-to-Touch:** Approximately 30 minutes (no transfer of adhesive to finger) **Trowel Notching:** Brush-On or Roll-On
SAFEGUARD and SAFEGUARD Spa with **S-240**	**Set-in-Wet:** Approximately 10–20 minutes (do **not** allow to dry-to-touch) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart	**Set-in-Wet:** Approximately 10–20 minutes (do **not** allow to dry-to-touch) **Fine Notch:** 1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart

** Apply two coats of S-580 Flash Cove Adhesive with a brush or roller 4" (10.2 cm) onto the floor as well as up the entire cove area. Allow adhesive to dry to a pressure-sensitive state between applications. The S-580 has unlimited working time.*

NOTE: If you cover wet areas or cover the adhesive too soon, blisters will form after rolling. Blisters caused by inadequate drying time will begin to show within one hour after rolling. The amount of open time will vary according to job conditions, temperature, humidity, air flow and type of substrate. All adhesives are applied with fine notching [1/32" (0.8 mm) deep, 1/6" (1.6 mm) wide, 5/64" (2 mm) apart].

Sheet Installation:

- **Full Spread with S-599 or S-543:**

1. Apply adhesive with fine notching of the S-891 Trowel. When installing over nonporous substrates such as existing resilient flooring, allow enough open time for adhesive to dry until tacky with no transfer to the finger (dry-to-touch) before placing the material into the adhesive. When installing over porous subfloors such as concrete and wood, allow the adhesive to thicken to a paste-like consistency (set-in-wet) before placing the material into the adhesive. The adhesive should show good transfer to the finger before placement of the floor. Recess scribe seams. Use S-580 Adhesive in flash cove areas. Before installing the material, plan the layout so seams fall at least 6" (15.2 cm) away from underlayment joints, seams in existing resilient flooring and/or saw cuts in concrete. Do not install over expansion joints.
2. Cut pieces from the roll to the specified length, allowing enough material at each end to flash 1-1/2" (31.8 mm) up the wall for fitting.
3. Recommended fitting procedures include freehand knifing, pattern scribing and straight scribing methods.
4. Fit piece #1 and position in the room.
5. Prepare the seam edge by trimming the factory seam edge using an edge trimmer.
6. Draw a pencil line on the subfloor along the length of the trimmed factory edge.
7. Carefully lap the material back halfway to expose the subfloor.
8. Starting at the lap point and working toward the end wall, apply the Armstrong S-599 Adhesive up to the pencil line using the fine notching of the Armstrong S-891 Trowel.
9. Allow the recommended open time before placing the material into the adhesive. Use extreme care when positioning the flooring over Armstrong S-599 Adhesive, which has a firm grab and does not allow repositioning.
10. Starting at the center and working toward the edges, roll the material in two directions using a 100-lb. roller, staying 2" (5.1 cm) away from the seam. Clean adhesive residue from the surface of the flooring using a clean, white cloth dampened with a neutral detergent and water.
11. Repeat steps #7 through #10.
12. Cut piece #2 allowing enough material at each end to flash 1-1/2" (31.8 mm) up the wall for fitting.
13. **Install pieces as recommended, TM edge to TM edge or TM edge to non-TM edge**.
14. Overlap piece #2 onto piece #1 approximately 1/2" (12.7 mm). Prepare the seam edge on the opposite side of the sheet by trimming the factory seam edge using an edge trimmer.
15. Draw a pencil line on the subfloor along the length of the trimmed factory edge.
16. Carefully lap the material back halfway to expose the subfloor.
17. Starting at the lap point and working toward the end wall, apply the Armstrong S-599 or S-543 Adhesive up to the pencil line using the fine notching of the Armstrong S-891 Trowel.

18. Allow the recommended open time before placing the material into the adhesive. Use extreme care when positioning the flooring over the Armstrong S-599 Adhesive, which has a firm grab and does not allow repositioning.
19. Starting at the center and working toward the edges, roll the material in two directions using a 100-lb. roller staying 2" (5.1 cm) away from the seam. Clean adhesive residue from the surface of the flooring using a clean, white cloth dampened with a neutral detergent and water.
20. Repeat steps #16 through #19 for the remaining half of piece #2.
21. Recess scribe the seam using a recess scriber. When heat welding, seams may be recess scribed slightly open [1/64" (0.4 mm)] to make guiding the router easier. When using S-761 Seam Adhesive, cut the seams net.
22. Before cutting the seam, protect the floor by inserting a piece of scrap material beneath the scribe mark. With the scrap on the same side as the cutting hand, cut the seam holding a straight blade knife straight up and down.
23. When using S-761 Seam Adhesive option cut seams net.
    a. Cut the tip of the Armstrong S-761 Seam Adhesive applicator bottle and apply a continuous 1/8" (3.2 mm) bead of S-761 Seam Adhesive along the seam edge of piece #1.
    b. Tuck the seam edge into place, forcing the Armstrong S-761 Seam Adhesive up through the seam.
    c. Clean adhesive residue from the surface of the flooring using a clean, white cloth dampened with a neutral detergent and water.
    d. Refer to Chapter 7, Seams, S-761 Seam Adhesive Procedure for more detail.
24. Roll the seam into place using a hand roller and roll again with a 100-lb. roller.
25. Follow the same procedures for the remaining pieces, completing one piece at a time until the job is finished.
26. When heat welding seams, heat weld seams as recommended. Refer to Chapter 7, Seams, Heat Welded Seams for more detail.
27. Do not allow traffic on the flooring for 24 hours after installation.
28. Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.

- **Installing MEDINTECH, MEDINTONE, MEDLEY, ROYAL or SOLID, in Concentrated Static and Dynamic Load Areas with S-240 Epoxy Adhesive:**

  Armstrong Commercial Sheet Flooring is used in many applications where it is subjected to heavy static and dynamic loads. Some furnishings, appliances and equipment in certain environments may be equipped with wheels, casters, rests or other floor contact devices, which concentrate rather than distribute the load over the surface of the flooring. Hospital patient beds and operating room tables are typical examples. With respect to portable furnishings and equipment, while concentrated wheel/caster loadings provide for easier mobility, they can be particularly damaging to resilient flooring installations. Armstrong recommends that any furnishings or equipment be fitted with floor contact devices, which avoid concentrating weight loads.

  Our experience has shown that the use of hard-setting reactive adhesives like Armstrong S-240 Epoxy Adhesive offer advantages and may help protect against damage (such as delamination) when used to install flooring under such furnishings and equipment. Depending on the application, the epoxy may only be necessary in limited areas of any particular installation such as an area immediately beneath and adjacent to the primary areas of contact with the flooring. In the case of certain heavy hospital beds, the application of the epoxy adhesive in an area that extends a minimum of 1' beyond the wheel base or footprint of the four casters [approximately 4' x 8' (1.2 m x 2.4 m)] may be sufficient.

  NOTE: When installing Armstrong Commercial Vinyl-Backed Sheet flooring, it will be necessary to smooth out the adhesive trowel ridges of the S-240 Epoxy Adhesive using the supplied 3/16" (4.8 mm) nap paint roller (refer to Chart in Chapter 2). The purpose of this is to create a uniform application of the S-240 Epoxy Adhesive. Please refer to Steps #5 and #6.

  1. Plan layout of the Armstrong S-240 Epoxy Adhesive so it extends approximately 1' beyond the load area. Use the recommended Armstrong Full Spread Adhesive in all other areas.
  2. Mix the entire contents of Part A and Part B together with a stirring motion while at the same time lifting from the bottom. Mix thoroughly for 3 to 5 minutes to a uniform color. **Do not over mix.** Never mix Armstrong S-240 Epoxy Adhesive on the subfloor surface.
  3. **Immediately pour the entire unit of mixed adhesive onto the substrate**. **Do not leave mixed adhesive in cans**

as it shortens pot life and working time and may generate excessive heat. Maximum pot life of Armstrong S-240 Epoxy Adhesive is approximately 15 minutes, depending on temperature and humidity.

4. Apply Armstrong S-240 Epoxy Adhesive with the recommended trowel notching.
5. **Using a 3/16" (4.8 mm) nap paint roller, wet out the 3/16" (4.8 mm) nap paint roller by rolling it in on a piece of scrap material that contains the Armstrong S-240 Epoxy Adhesive. This will prevent removal of already applied Armstrong S-240 Epoxy Adhesive when rolling**.
6. **Carefully roll out the Armstrong S-240 Epoxy Adhesive trowel ridges using a 3/16" (4.8 mm) nap paint roller, creating a uniform application of the Armstrong S-240 Epoxy Adhesive**.
7. After troweling and rolling of the Armstrong S-240 Epoxy Adhesive, allow 10-20 minutes open time before placing the flooring into the adhesive. **Do not allow the Armstrong S-240 Epoxy adhesive to dry completely.**
8. When using Armstrong S-240 Epoxy Adhesive in conjunction with the recommended Armstrong Full Spread Adhesive, plan out the open times so that the flooring may be placed into both adhesives at the same time. Working time of Armstrong S-240 Epoxy Adhesive is 60 minutes.
9. After allowing the proper open time, carefully place the flooring into the Armstrong S-240 Epoxy Adhesive to ensure that air bubbles are not trapped beneath the flooring.
10. Within 30 minutes of the Armstrong S-240 application, roll the material using a 100-lb. roller. Starting at the center and working toward the edges, roll the material in the direction of the trowel notches and then again in the opposite direction [staying 2" (5.1 cm) away from any seams]. Do not work on newly adhered flooring except to roll; if necessary use a kneeling board.
11. Clean any adhesive residue from the surface of the flooring using a clean white cloth dampened with a neutral detergent and water. **Dried Armstrong S-240 Epoxy Adhesive cannot be removed.**
12. Repeat rolling procedure at 1 hour and 2 hours after the initial application of Armstrong S-240 Epoxy Adhesive.
13. **Seams must be heat-welded**. **Wait a minimum of 10 hours before heat welding.**
14. Do not allow traffic on the flooring for 24 hours after installation.
15. Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.

- **Concentrated Static and Dynamic Loads with SAFEGUARD and S-240 Epoxy Adhesive:**

Product Performance under Concentrated Static and Dynamic Loads

Armstrong Commercial SAFEGUARD Flooring is used in many applications where it is subjected to heavy static and dynamic loads. Some furnishings, appliances and equipment in certain environments may be equipped with wheels, casters, rests or other floor contact devices, which concentrate rather than distribute the load over the surface of the flooring. Hospital patient beds and operating room tables are typical examples. With respect to portable furnishings and equipment, while concentrated wheel/caster loadings provide for easier mobility, they can be particularly damaging to resilient flooring installations. Armstrong recommends that any furnishings or equipment be fitted with floor contact devices, which avoid concentrating weight loads.

Our experience has shown that the use of hard setting reactive adhesives like our Armstrong S-240 Epoxy Adhesive, offers advantages and may help protect against damage, such as delamination, when used to install flooring under such furnishings and equipment. Depending on the application, the epoxy may only be necessary in limited areas of any particular installation such as an area immediately beneath and adjacent to the primary areas of contact with the flooring. In the case of certain heavy hospital beds, the application of the epoxy adhesive in an area that extends a minimum of one foot beyond the wheel base or footprint of the four casters [approximately 4' x 8' (1.2 m x 2.4 m)] may be sufficient.

1. Recommended for areas subject to concentrated static and dynamic loads. S-240Adhesive should only be applied to the area that will be subject to the static/dynamic load. Use S-599 or S-543 Adhesive in all other areas.
2. Plan layout of the S-240Adhesive so it extends approximately 1' beyond the load area. Use S-599 Adhesive in all other areas.
3. Mix the entire contents of S-240 Part A and Part B together with a stirring motion while at the same time lifting from the bottom. Mix thoroughly for 3 to 5 minutes to a uniform color. **Do not over mix**. Never mix S-240 Adhesive on the subfloor surface.
4. **Immediately pour the entire unit of mixed adhesive onto the substrate. Do not leave mixed adhesive in cans as it shortens pot life and working time, and may generate excessive heat**. Maximum pot life of S-240 is approximately 15 minutes, depending on temperature and humidity.
5. Apply S-240 Adhesive by troweling the adhesive in straight lines with the S-891 Trowel using the fine notching

[1/32" (0.8 mm) deep, 1/16" (1.6 mm) wide, 5/64" (2 mm) apart]. This will give any trapped air a way to escape when rolling.

6. After spreading the S-240 Adhesive, allow 10–20 minutes open time before placing the flooring into the adhesive. **Do not allow the S-240 to dry completely**.
7. When using S-240 Adhesive in conjunction with S-599 or S-543 Adhesive, plan out the open times so that the flooring may be placed into both adhesives at the same time without jeopardizing the working times of both adhesives.
8. After allowing the proper open time, carefully place the flooring into the S-240 Adhesive to ensure that air is not trapped beneath the flooring.
9. Within 30 minutes of the S-240 application, roll the material using a 100-lb. roller. Starting at the center and working toward the edges, roll the material in the direction of the trowel notches and then again in the opposite direction [staying 2" (5.1 cm) away from any seams]. Do not work on newly adhered flooring except to roll. Use a kneeling board if necessary.
10. Clean any adhesive residue from the surface of the flooring using a clean white cloth dampened with a neutral detergent and water. **Dried S-240 Adhesive cannot be removed**.
11. If any bubbles appear, remove the flooring from the S-240 Adhesive to remove any trapped air pockets. Reposition the flooring and roll the material as outlined in Step 9.
12. Repeat rolling procedure at 1 hour, 2 hours and 3 hours after the initial application of S-240 Adhesive.
13. Continue looking for any bubbles or hollow spots by holding a floor lamp at a low angle to scan the flooring.
14. If any bubbles are noticed, lightly heat the bubbled flooring using a heat gun and roll into place using a hand roller. It may be necessary to heat and weigh down areas until the S-240 Adhesive has cured.
15. After the 3-hour rolling, make a final inspection of the flooring for any bubbles or hollow spots.
16. **Seams must be heat-welded. Wait a minimum of 10 hours before heat welding**.
17. Do not allow traffic on the flooring for 24 hours after installation.
18. Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.

- **Perimeter Plus with S-599 or S-543/S-240:**

Use a full spread of S-599 or S-543 in field areas with a 3" (7.6 cm) band of S-240 Adhesive at the perimeter of the room. Recommended for SAFEGUARD in areas that may be exposed to frequent water spills and/or cooler temperatures. These include entryways, areas around freezers/refrigerator cases and produce areas. **Must be used with SAFEGUARD SPA.** Apply S-240 with a fine notch S-891 Trowel. Recess scribe seams slightly open [1/64" (0.4 mm)] to make guiding the router easier. Use S-580 in flash cove areas.

1. Follow installation and seaming details for Full Spread with S-599 or S-543 except for the S-240 Epoxy Adhesive at the perimeter of the room and at floor drains.
2. Mix the entire contents of S-240 Part A and Part B together with a stirring motion while at the same time lifting from the bottom. Mix thoroughly for 3 to 5 minutes to a uniform color. **Do not over mix.** Never mix S-240 Adhesive on the subfloor surface.
3. **Immediately pour the entire unit of mixed adhesive onto the substrate. Do not leave mixed adhesive in cans as it shortens pot life and working time, and may generate excessive heat.** Maximum pot life of S-240 is approximately 10 minutes, depending on temperature and humidity.
4. Apply a 3" (7.6 cm) band of S-240 around the perimeter of the room and at all floor drains. Full spread the remaining area using S-599 or S-543 Adhesive. Allow the recommended open time before placing the material into the adhesive. Working time of the S-240 is approximately 1 hour. Do **not** allow the S-240 to dry completely.
5. Starting at the center and working toward the edges, roll the material in two directions [staying 2" (5.1 cm) away from any seams] using a 100-lb. roller. Roll within 30 minutes of adhesive application and re-roll again 1 hour later. Clean adhesive residue from the surface of the flooring using a clean, white cloth dampened with a neutral detergent and water. **Dried S-240 Adhesive cannot be removed.**
6. Follow the same procedures for the remaining pieces, completing one piece at a time until the job is finished.
7. Do not work on newly adhered flooring except to roll. Use a kneeling board if necessary.
8. Do not allow traffic on the flooring for 24 hours after installation.
9. Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to

allow setting and drying of the adhesive.

- **MEDINTECH, MEDINTONE, MEDLEY and ROYAL in Environmental Conditioning Units:**

1. Maintain temperature of the room to receive the MEDINTECH, MEDINTONE, MEDLEY and ROYAL at a minimum of 65°F (18°C) for 48 hours before installation, during installation, and for 72 hours after installation. Maximum temperature for installing MEDINTECH, MEDINTONE, MEDLEY and ROYAL is 100°F (38°C). If these temperatures are not maintained **for the recommended period of time,** the flooring material and adhesives may not perform as they should.
2. Follow installation and seaming details for Full Spread S-599 or S-240. Seams must be heat-welded.
3. Use S-240 Epoxy Adhesive at all floor drains.
4. Mix ethe ntire contents of Part A and Part B together with a stirring motion while at the same time lifting from the bottom. Mix thoroughly for 3 to 5 minutes to a uniform color. **Do not over mix.** Never mix Armstrong S-240 Epoxy Adhesive on the subfloor surface.
5. **Immediately pour the entire unit of mixed adhesive onto the substrate. Do not leave mixed adhesive in cans as it shortens pot life and working time, and may generate excessive heat.** Maximum pot life of Armstrong S-240 is approximately 15 minutes, depending on temperature and humidity.
6. Apply a 3" (7.6 cm) band of S-240 Adhesive around any floor drains in area of installation.
7. Roll the material in two directions using a 100-lb. roller. Roll immediately after placement of flooring and re-roll again 1 hour later. Clean adhesive residue from the surface of the flooring using a clean, white cloth dampened with a neutral detergent and water. **Dried S-240 Adhesive cannot be removed.**
8. Immediately after installation is complete, apply a bead of silicone caulk along the top of the cap strip and onto the wall.
9. After the MEDINTECH, MEDINTONE, MEDLEY and ROYAL has been installed and allowed to condition for 72 hours as outlined in Step #1, gradually lower the temperature of the room over a period of three days. The temperature of the room should **never** go below 34°F (1°C).
10. Do not allow traffic on the flooring for 24 hours after installation.
11. Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.