RUBBERFORM
RECYCLED PRODUCTS, LLC

75 Michigan Street
Lockport, NY 14094 USA
716-478-0404
www.RubberForm.com

Installation Directions for RubberForm Recycled Products Spill Berms

1. Tools Needed:
   a. Broom, mop, vacuum and cleaning solutions (green floor cleaner) If available, a Power-washer with hose if available to thoroughly clean and prep floor to adhere/seal the berms to the floor.
   b. Chalk line marker
   c. Tape measure
   d. Laser line marker - optional
   e. Angle for berm layout
   f. Hammer Drill for drilling into concrete
   g. Appropriate concrete drill bits – have extras available
   h. Power bolt driver or wrench
   i. Circular saw if berms need to be cut or trimmed. Use a Freud Freud, LU84R saw blade.
   j. Belt sander to rough up bottom of berms.
   k. Hammer
   l. Caulk dispenser for 10.3 oz tube. If available us a powered caulk gun dispenser.
   m. Other appropriate tools
   n. SAFETY EQUIPMENT – Safety glasses, Safety Goggles, Gloves, both work and rubber, Steel toed shoes, ear protection.

2. Floor must be thoroughly clean of debris and any build-up of grease and oils removed. If available use a power washer to clean the floor.

   NOTE: Failure to do so may result in premature failure of Adhesive/Caulk Berm Sealant provided by RubberForm.

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3. Make sure the area is totally dry and clean of debris – dust free so the Adhesive/Caulk Berm Sealant will adhere to all surfaces.

4. With your layout diagram mark the floor where the berms will be placed – use a chalk line marker. If RubberForm fabricated the berm system in its plant, RubberForm will provide a layout diagram along with markings on the berm pieces to match the layout.

5. RubberForm's spill berms have mold release on them; this silicone based mold release needs to be removed so that the adhesive/sealant caulk will stick. Use a belt sander and abrade, rough up, wear away the mold releases on the bottom of the berm. You can also use Acetone or other cleaner along with a rag to clean off the mold release to get a good seal to the floor. Do this in a well-ventilated area.

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6. Layout RubberForm's spill containment berms in the location that they will be attached to the floor. Make sure all berm pieces and other material are in the correct position. Make any custom cuts on-location if needed.

   We've had good luck with Freud Saw Blades, Model # LU84R
   Go to http://www.freudtools.com/
   Type in the search window "LU84R"
   Pick blade size for your miter saw.
   You can buy direct from Freud Tools, RubberForm or your local equipment/blade dealer.

   If you fabricate onsite use a water based "cutting lubricate" to reduce friction, we've used Simple Green or Coolube type cutting lubricate.

   Using a miter saw go back and forth slowly across the rubber berm price as you penetrate the rubber surface. Lubricate the blade accordingly.

   Use safety glasses and blade guards on the equipment.

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7. Mark through the holes of the spill berms where the berms will be attached to the floor via the lag bolt and lag shield. This mark is where you will drill the appropriate hole for the lag shield.


8. Turn the berms over, so that you have room to drill the holes for the lag shields. This is also in prep to dispense the adhesive/sealant caulk material to the bottom-side.

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	9. Vacuum the holes out of debris and again make sure the floor is thoroughly clean for the adhesive/sealant caulk.
	10. Place the lag shield in the new holes. For further assurance that the shield will be held in place, use concrete epoxy glue when placing the shields in the holes. If epoxy glue is used, make sure glue is thoroughly dry before the lag bolt is tightened into lag shield.
	11. Find the adhesive/sealant caulk to adhere the berms to the concrete floor. Use 1 to 2, 10.3 oz tubes per berm piece. Make sure you use enough so that no liquid material can leak under the berm.

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	12. Place the adhesive/sealant caulk in the caulk dispenser – powered or manual dispenser. Cut the end of caulking top at its widest point.
	13. Apply 2 to 3 beads of adhesive/sealant caulk on the bottom of the spill berm approximately 1" in from the sides and ends, along the entire length and ends of the RubberForm Berm.
	14. Place RubberForm's Berm in place and apply pressure to entire length of the Berm to seal to floor. NOTE: Uneven surfaces may need extra adhesive/caulk sealant applied and also more direct pressure to ensure proper sealing

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15. Place the lag bolts and washer through the berm holes and tighten into position. Do not over tighten the bolt to break away the lag shield from the hole in the concrete.

16. Apply the adhesive/sealant caulk to the ends of the berm as well. Repeat step 12 thru 14 for each RubberForm berm section.

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	17. Repeat Step 15 until berm installation is complete.
	18. To apply a RubberForm's Berm over frost cracks and concrete floor separations, fill these areas first with floor leveling material or adhesive/sealant caulk.
	19. Make sure all miters, corners and ends have enough adhesive/sealant caulk applied to seal off entirely.
	20. For caustic chemical berm requirements, use appropriate adhesive/caulk along the inside bottom of RubberForm's spill berm. Apply to the outside bottom edge as well.
	21. It is important that the appropriate adhesive/sealant caulk is allowed to cure (glue, sealant and caulk) for at least 24 hours before use.

RubberForm Notes:

To cut RubberForm's Spill Containment Berm we've had good luck with Freud Saw Blades, Model # LU84R. Go to http://www.freudtools.com/ Type in the search window "LU84R", choose the blade size for your miter saw. You can buy direct from Freud Tools, RubberForm or your local equipment/blade dealer.

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Please call our Technical Team for further assistance, 716-478-0404 dial 4.