



Liquid Rubber

HOME RESTORATION

Exterior Foundation Application Guide



Liquid Rubber Foundation Sealant is the first line of defense for protecting your home's foundation — for poured concrete, concrete masonry units (CMU's), insulated concrete forms (ICF's), pre-cast and permanent wood foundations (PWF's). This easy to apply waterproof membrane will eliminate the effects of water, extending the life of your foundation.

PREPARATION

Liquid Rubber Foundation Sealant is easy to install, anyone can do it! Follow the steps detailed below to ensure proper installation of your high-performance Foundation Coating. Surface preparation is the most important step in any successful coating installation.

Inspection:

Concrete should be allowed to cure for at least 28 days. However, Liquid Rubber Foundation Sealant can be applied over green concrete and over aged solvent-based existing coatings. Cracks can be an indicator of structural damage. Consult a professional.



General Preparation & Cleaning: Grind sharp edges. Repair voids, honey-combing, cracks and flaking concrete. Surface must be free of dirt, form-release and curing compounds, oil, grease, laitance, spalling, efflorescence, frost and existing flaking coatings. Rasp EPS foam surface if chalking is present. Pressure wash until clean and allow to dry.

Rinse the surface: The best and most effective way is to use a pressure washer with a minimum 1400-psi, to remove any embedded dirt, debris and efflorescence. Use a slow sweeping motion holding the tip 4-6 inches above the surface at a rate of 20 minutes per 100 sq. ft. After completing the pressure washing, give the surface a final rinse. Allow the surface to dry for 24-48 hours before applying Liquid Rubber Foundation Sealant.



DETAIL WORK

Inside/outside corners, wall to slab, wall to wall and wall to footing junctures, penetrations, cold joints and cracks:

Brush a heavy coat over all inside and outside monolithic corners. Coat around penetrations such as brackets, clips, braces, pipes etc. that are set into the foundation with a thick coating to ensure a complete seal prior to coating the entire area. For all cracks less than 3mm (1/8"), cold-joints, non-monolithic inside/outside corners, wall/slab, wall/footing and wall/wall junctures apply a thick 6" wide coat and embed 4" wide Liquid Rubber Geo-Textile reinforcement fabric followed by a second coat (known as the 3 Course Method). For all cracks greater than 3mm (1/8") fill with backer rod, spray foam or concrete patching materials prior to 3 Course Method. Ensure the surface is smooth and flush.



APPLICATION

Termination: Tape-off, block-off, or otherwise mark area's that are not to receive Foundation Sealant. Remove while Sealant is still wet.

Application: Apply Liquid Rubber Foundation Sealant when temperature is 5°C/40°F and rising. Use a brush, roller or heavy duty hydraulic piston spray rig (very thick/viscous material) at a final coverage of 20 ft² per G or 100 ft² per 5G pail (40-60 mils, 1-1.5mm). Generally you can apply 2 heavy coats per day, 60 ft² per coat, minimum 3 heavy coats. Apply next coat when dry to touch and nothing is wet underneath. Tacky is OK. Apply all recommended material. Membrane should be a minimum of 12" above finished grade and down the base of the slab/footing.



Inspection: Inspect for pinholes, blisters, voids, thin spots or other defects. Repair as necessary.

Protection: Allow 24-48 hours to dry before backfilling. It is recommended to apply protection board or drainage board to protect your coating from other trades and work, during backfill, and from thermal expansion and contraction during its life.



APPLICATION TIPS

- Apply when temperature is above 5°C/40°F and rising
- Use disposable gloves
- Wrap brushes in plastic to use for next coat
- Remove painters tape/blocking while coating is still wet
- Do not allow to freeze
- Do not apply in wet conditions or if rain or dew is forecast within 24 hours
- Initial cure (set) within 24-48 hours
- Curing depends on temperature, humidity and airflow
- Full cure in 5-7 days
- Store closed material in warm area for up to a year
- Extend rain gutters and slope grade away from your building
- Ensure weeping tile is working properly channeling water away from your building
- Please contact Technical Support with any questions
- Avoid coating over newer applied solvenated products
- Re-coat time 6-8 hours on average
- Final coverage 20 sq. ft. per G, 100 sq. ft. per 5G

CLEAN UP

- Always organize yourself and your work area to reduce the potential for spillage and other accidents.
- Set out a tarp or large piece of cardboard to keep containers and tools on, when not in use. Make sure you have a pail of soap and water, rags and mineral spirits on hand so you are ready if a spillage occurs.
- Soak up as much material as possible with rags.
- Clean immediately with soap and water.
- If dried, scrape off as much as you can. (with a razor/scrapper/etc.)
- Use mineral spirits to weaken the material and an appropriate tool to mechanically remove (wire brush, grinder, etc.)
- **Warning: Mineral spirits can spread the stain, be sure to use sparingly, in a controlled manner, and to follow the manufacturers safety recommendations.**

PHYSICAL PROPERTIES

Color (Liquid)	Brown to Black
% solids (wt) (Liquid)	57 - 59%
Tensile strength	60 psi
Elongation	1000%
Water Absorption (EN 1062)	0.0002 kg/m ² hr0.5
Adhesion to Concrete	Cohesive Failure
Low Temp Flex	-20°C
Freeze/Thaw Stability	Pass – 20 cycles

PACKAGING

- 205 litre plastic drum (55 Gal)
- 18.9 L (5-Gal) Pails
- 3.78 L (1-Gal) Cans





Liquid Rubber Foundation Sealant Other Uses



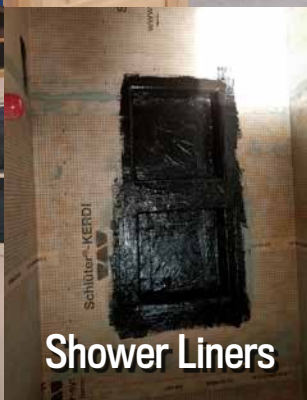
Under Concrete Patio



Planter Boxes



Interior Basements



Shower Liners



Infrastructure

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