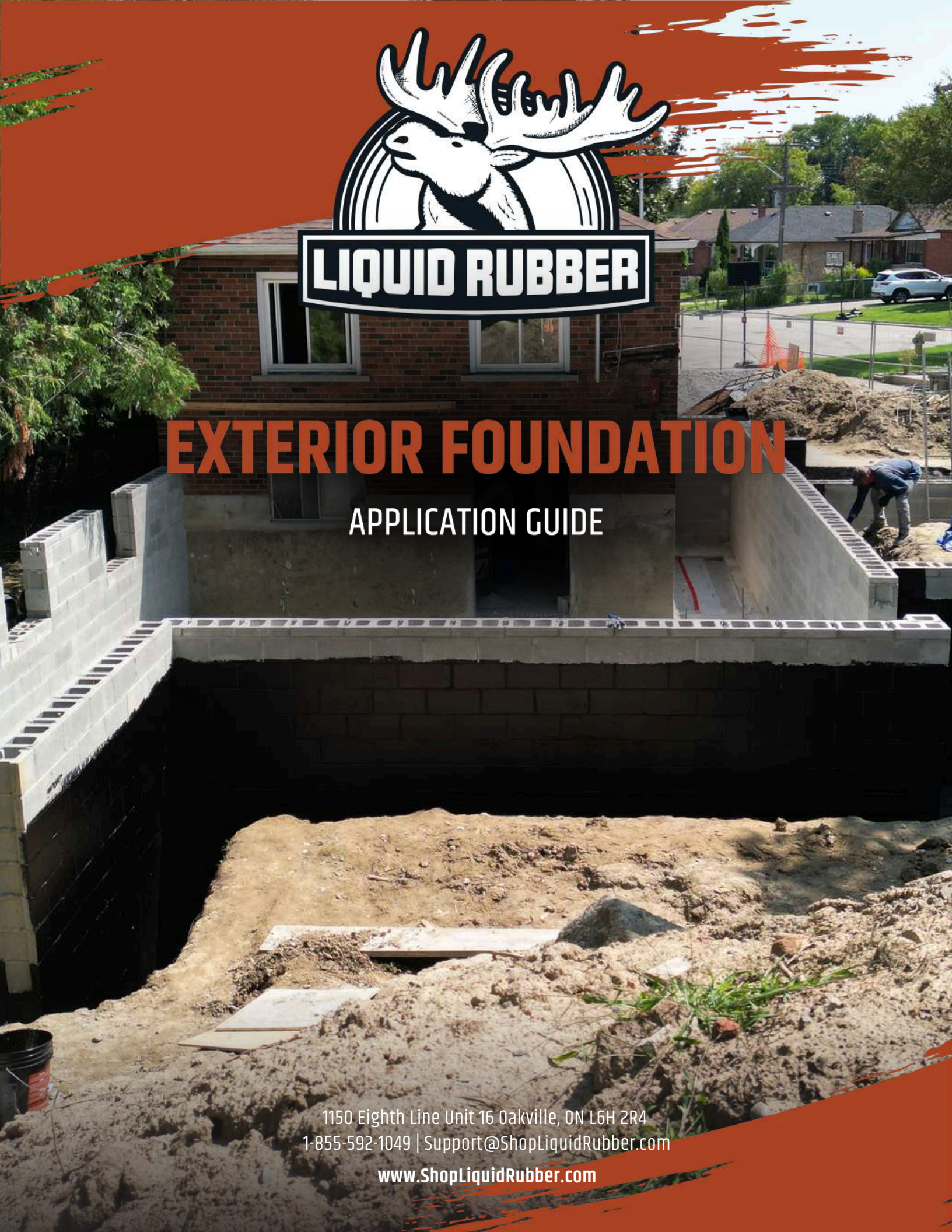
LIQUID RUBBER

EXTERIOR FOUNDATION

APPLICATION GUIDE



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A DRY HOME STARTS WITH A WATERTIGHT FOUNDATION

Liquid Rubber Foundation Sealant creates a seamless, waterproof barrier to protect your foundation from moisture damage. Easy to apply, it helps prevent leaks, cracks, and deterioration, keeping your home dry.

STEP 1: BEFORE YOU BEGIN

IDENTIFY YOUR SURFACE

Liquid Rubber Foundation Sealant & Color Sealant are the last line of defense for protecting your home's foundation.
These products can be used on:

- Poured concrete
- Concrete masonry units (CMU's)
- Insulated concrete forms (ICF)
- Pre-cast, and permanent wood foundations (PWF's)

These easy to apply waterproof membranes will help to prevent the intrusion of water into your living or storage space, resulting in mold and/or water damage to your property.
Follow the steps detailed below to ensure proper installation of your high performance foundation coating. *Do not apply over Coal Tar

If you have any questions about your project, contact Product & Application Support by email at Support@ShopLiquidRubber.com or call 1-855-592-1049. Our experts can guide you through every step.

PICK THE RIGHT PRODUCTS:

SELECT YOUR SEALANT

1. **Foundation Sealant -** Black *(not meant for long term UV exposure)*
2. **Color Sealant -** Variety of color options including clear *(UV resistant)*

PICK THE RIGHT PRODUCTS FOR PREP

1. **Liquid Rubber Deck And Patio Cleaner**
2. **Cracks, joints & voids** – Liquid Rubber Sealant & Adhesive Caulk and/or Liquid Rubber Geo-Textile

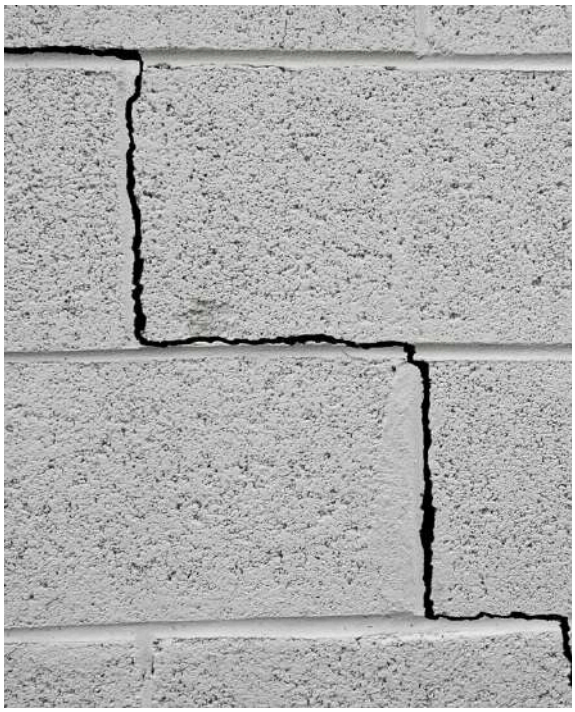
ADDITIONAL SUPPLIES

- Pressure Washer
- Grinder/ Chisel *(to remove sharp edges)*
- Gloves
- Disposable brushes and/or rollers
- Caulking gun

INSPECTION

All surfaces must be structurally sound, clean, dry, and free from contaminants that would prevent proper adhesion.

Concrete: Should be allowed to cure for at least 28 days. Liquid Rubber Foundation Sealant can be applied over aged solvent- based existing coatings. Foundation cracks can be an indicator of structural damage. Consult a professional. Be sure to perform a moisture test on the concrete prior to application. Concrete should be free of laitance or efflorescence and have less than 5% moisture content. Refer to moisture test guidelines on concrete by clicking here.



ICF: Rasp the surface to remove oxidized material and create surface profile.

Wood: Secure raised nail heads, screws, and loose panels. Pre-fill imperfections such as screw holes, knots, and splits in the wood with a high quality wood filler or with Liquid Rubber Sealant & Adhesive. Replace damaged and rotting wood and remove loose splinters. Wood should have less than 15% moisture content. Refer to moisture test for wood by clicking here.

STEP 2: ONCE YOU HAVE YOUR SUPPLIES

WEATHER & WHEN TO APPLY

- **Apply in dry, warm temperatures between 50°F to 86°F (10° to 30°C), including overnight temperatures**
- **Do not apply in wet conditions or if rain or fog is forecasted within 24 hours**
- **Apply below 80% humidity**
- **Avoid applying in hot, intense, direct sunlight** *(sealant will cure too fast)*
- **Make sure what you are coating is at least 5 degrees above the dew point of the environment** *(Click here for more info)*
- **Cooler Temperatures and high humidity may extend dry & cure times.**

SET UP & CLEAN UP:

Stay organized and limit clean up by following these setup tips:

1. Set out a tarp or large piece of cardboard to keep containers and tools on when not in use.
2. If there is a spillage, soak up as much material as possible with rags.
3. Clean your Color Sealant spillages with soap and water as much as possible.
4. Foundation Sealant should be cleaned up immediately with mineral spirits (sparingly) or baby oil to weaken surface
**Test inconspicuous area first to ensure compatibility and no discoloration on surface*
5. If the spillage dries, scrape it off with a razor/scraper/etc and use a wire brush to remove.
6. Do not use solvents or solvent based cleaners, adhesives, and paints near your working area.
7. Wrap tools in plastic to keep them moist between coats (kitchen wrap is fine). Best to use disposable brushes and rollers.
8. Refer to the product Safety Data Sheet for personal protective equipment recommendations.

STEP 3: PREPARE THE AREA

PREPARATION & CLEANING:

Liquid Rubber products must be installed on a clean, dry, and structurally sound surface that is free of sharp edges, dirt, debris, oil, grease, coal tar, mastics, flaking paint, silicone, or other contaminants.

1. If previously painted or coated, **remove** any loose or flaking material.
2. **Clean** the surface: Use Liquid Rubber Deck and Patio Cleaner and rinse well. *Pressure washing is recommended.*
3. Use **masking tape** for areas not to be painted and remove tape while the coating is still wet. *(Reapply masking tape for each coat)*
4. Once the surface is **dry**, it is recommended to perform a moisture test. *(Linked above in the inspection section - page 3)*

STEP 4: DETAIL WORK

FILLING SEAMS, JOINTS AND IMPERFECTIONS:

1. Fill cracks and joints ⅛" -¼" with Liquid Rubber Sealant & Adhesive Caulking. Allow to 24 hours to dry.
2. Cracks or holes larger than ¼" should be filled with patching material *(ie. concrete patch)*
3. Bridge all cracks, joints and seams with Liquid Rubber Geo-Textile using the 3 course method. The 3 course method is done by applying a 6" wide coat of Liquid Rubber Foundation Sealant and then laying the 4" Liquid Rubber Geo-Textile into the wet coating followed by a 6" wide coat of Foundation Sealant over the Fabric. *(Sealant > Geo-Textile > Sealant)*

**Remember, these are the area's most likely to leak so pay special attention to the details, nobody wants to do it twice!*

STEP 5: APPLY THE COATING

HOW TO APPLY LIQUID RUBBER SEALANT

Once your preparation is complete you can begin your full field application.

1. Mix product well with large stir stick or drill with paddle attachment for 3-5 minutes
2. Begin applying your selected Liquid Rubber waterproof coating in manageable sections (i.e. 10ft x 10ft). Lap onto adjoining sections maintaining a wet edge. (When lapping onto a dry section, overlap by 4-6 inches).
3. As you go, inspect each coat for blisters, pinholes, and imperfections and repair as necessary.
4. Allow 6-8 hours between coats *(dry to the touch and uniform in color - tacky surface is ok)* Apply additional coats in alternating directions to help ensure uniform membrane thickness.

- Remove painter's tape while the coating is still wet. Apply masking tape for each coat *(or just stay shy of the termination line)*. If the coating has dried too much, score/cut along the masking tape line before pulling to prevent lifting the coating
- Apply all recommended material *(final coverage)* to achieve your waterproof membrane.
- Allow to cure completely before back filling. Generally 48 hours from the last coat.

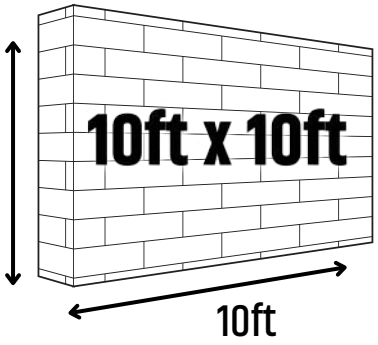
HELPFUL TIPS

- **Use disposable gloves**
- **Use a 3/8" (10mm) roller, brush or heavy duty airless paint sprayer (Refer to TDS)**
- **Apply all recommended material at a final coverage of 20 ft² per gallon (1.9m²) or 100 ft² per 5 gallon pail 40-50 mil. (1-1.3 mm) (DFT) membrane.**
- **Foundation Sealant is not meant for long term UV exposure.**
- **Do not combine Liquid Rubber Foundation Sealant with any Color Sealants**
- **Generally you can apply 2 generous coats per day.**
- **Extend rain gutters and slope grade away from your building.**
- **Ensure weeping tile is working properly channeling water away from your building.**
- **It is always a good idea to apply a small test patch in an inconspicuous area to ensure adequate adhesion.**
- **Store at above 5°C/41°F, out of direct sunlight and do not allow to freeze until fully cured.**

Not meant for walking surfaces

PRODUCT COVERAGE

= 10ft



Apply 5 gallons for:

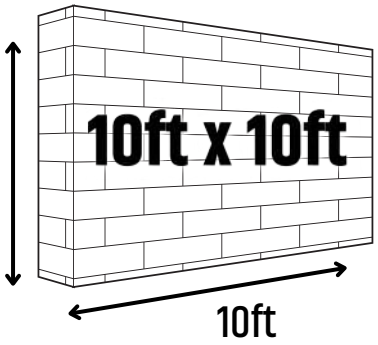
= **100ft²**

FOUNDATION SEALANT

COVERAGE

1 Gallon = 20 FT²
5 Gallon = 100 FT²

= 10ft



Apply 5 gallons for:

= **100ft²**

COLOR SEALANT

COVERAGE

1 Gallon = 20 FT²
5 Gallon = 100 FT²

PRODUCT COVERAGE

DECK & PATIO CLEANER

COVERAGE

1 Gallon = 200-400 FT^2

GEO-TEXTILE

COVERAGE

4" X 160FT ROLL

SEALANT & ADHESIVE

WHITE & CLEAR

COVERAGE

1/4" BEAD = 24 LINEAR FEET