

# Luxor

by Quality Waterproofing™

## Why Luxor?

We started out with one mission: to design the best foundation waterproofing system on the market today. Luxor by Quality Waterproofing, named after one of the driest places on Earth, has been carefully designed to make your basement as dry as its namesake.

Rather than let a manufacturer dictate the products or process we can use, we created the Luxor system by independently sourcing the best products available on the market, in order to provide a superior system that will protect your home from water infiltration for generations to come.

Luxor by Quality Waterproofing comes with a limited lifetime warranty. Quality Waterproofing has been in business for more than 60 years, and our warranties and commitment to our work are an integral part of our business.

## What makes it better?

Our Luxor waterproofing spray applied membrane is a water-based, solvent-free, 100% rubber waterproofing spray. It is rated commercial grade, with excellent elongation and tensile strength to stretch over any potential cracks that may form as the concrete cures. Luxor waterproofing spray has been specifically designed to prevent delamination from the wall, which is common in rubber products.

**Most importantly, Luxor's waterproofing spray is solvent-free, fully compliant with VOC regulations in all 50 states, non-hazardous, and non-combustible.**

[QualityWaterproofing.com](http://QualityWaterproofing.com)



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## The Luxor Waterproofing Process

- 1 Carefully inspect and remove all concrete form ties, and clean and prep the footing.
- 2 Seal broken form ties with rubber compound, which is specially manufactured to mesh with Luxor's rubberized membrane.
- 3 Evenly apply 100% rubberized membrane with airless sprayer, applied at a 70 mils thickness wet, which cures to 40 mils when dry to form protective coating on all walls.
- 4 Install ECODRAIN dimple board on top of rubberized membrane for added protection (Optional).
- 5 Install 3" exterior drainage system encased in woven fabric, which is tied into the sump bucket or run to daylight to remove exterior water pressure from foundation.
- 6 Cover 3" exterior drainage system with 1" clean rock, installed with our Gravel Shooter for consistent distribution.
- 7 Install Quality Waterproofing's custom designed interior hydro-channeling to prevent water seepage at the cove joint where the basement slab meets the foundation wall, and connect to and install the sump bucket.
- 8 Install 1/3 HP sump pump with all cast iron components designed for durability, along with a backup battery pump connected to deep cycle marine battery to protect against primary pump failure or power outage (backup recommended).

# Compare Solvent-Based Rubber Products to Quality Waterproofing's Luxor Waterproofing Rubber Spray

|                            | Luxor Rubber Waterproofing Spray | Solvent-Based Rubber Products |
|----------------------------|----------------------------------|-------------------------------|
| Water-Based                | ✓                                | ✗                             |
| Solvent-Free               | ✓                                | ✗                             |
| 100% Rubber                | ✓                                | ✓                             |
| Commercial Grade           | ✓                                | ✓                             |
| Eco-Friendly               | ✓                                | ✗                             |
| Non-Toxic                  | ✓                                | ✗                             |
| Safe from Fire & Explosion | ✓                                | ✗                             |
| Limited Lifetime Warranty  | ✓                                | ✓                             |

#### Water-Based

Water-based membranes provide the same level of flexibility and protection as solvent-based membranes, but are non-toxic, allow for easy clean-up, and do not require special application procedures.

#### Solvent-Free

Solvents act as the agents used for dissolving materials such as rubber polymers into a liquid state. During the application of solvent-based membranes, solvents are released into the air, introducing the work site and workers to dangerous vapors and possible explosions.

#### 100% Rubber

100% rubber polymers provide greater flexibility and elongation than asphalt-based polymer emulsions. Luxor waterproofing spray has an elongation of 2394% and a tensile strength of 575 psi.

#### Commercial Grade

Like solvent-based rubber sprays, Luxor waterproofing spray is rated commercial grade for commercial and high-end residential construction.

#### Eco-Friendly

Luxor is fully compliant with VOC regulations in all 50 States, non-toxic, and does not pose a danger to the environment during or after its application.

#### Non-Toxic

While a breathing mask is recommended during application, Luxor waterproofing spray doesn't require a NIOSH-approved respirator, and contact with skin won't cause irritation. Vapors from solvent-based membranes are known to cause dizziness, headaches, nausea, loss of consciousness, or death, while long-term exposure can lead to liver, kidney, and brain damage.

#### Safe from Fire & Explosion

Most solvent-based membranes have a low-flash point and require a grounded, spark-free environment during application.

#### Limited Lifetime Warranty

Our Foundation Waterproofing Limited Lifetime Warranty provides homebuilders and homebuyers alike with peace of mind. And with the ability to register their warranty online, homeowners can come directly to us with future issues, instead of through the builder.

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