

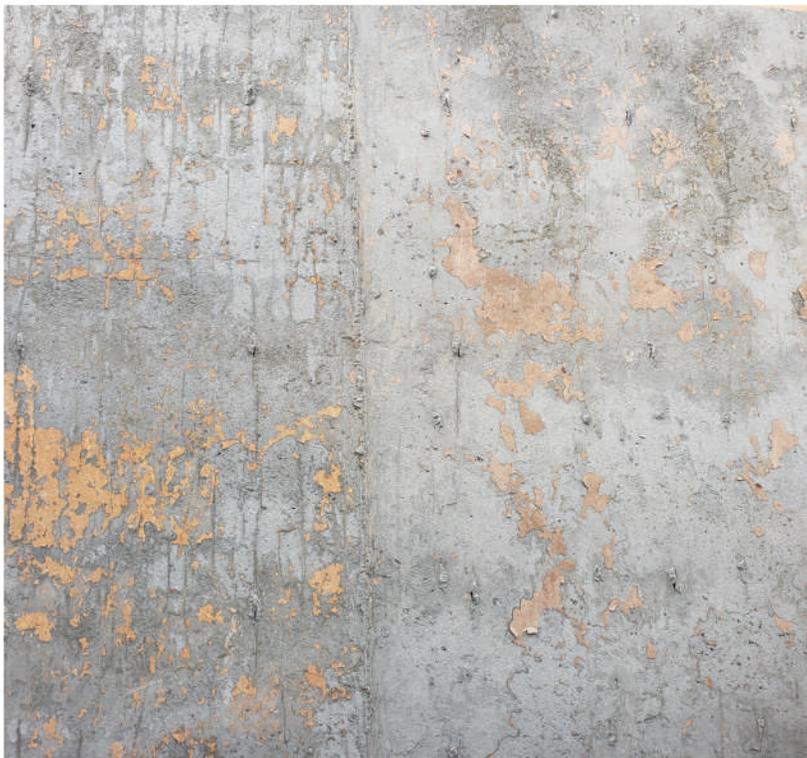
After the shoring was pulled away the Weatherskin team got a good look at the scope of work. Any voids and cracks were marked with bright spray paint as these areas needed either fiber tape, epoxy injections, polyurethane sealant or spray foam to seal them completely. Special attention is always paid to the joint where the footing slab meets the wall.



Class 1 vapor barrier



100% water-proof



Before commencing, the foundation needs to be thoroughly cleaned of dust and debris. It's always a good idea to do a thin primer coat of WSM2 and 10% water first to properly saturate the porous substrate.



100% fungi's/mold/bacteria resistant



310% lengthening

As the first coat goes on heights need to be checked to make sure the Weatherskin exceeds the grade-line. This can be easily marked out with a thick chalk-line before work commences. The nice thing about WSM2 versus other products is it is 100% UV stable with less than 1% fade annually, so you don't need to hide it away from the sun.



16% cost savings over hot-applied rubber



+10x the performance life-span of tar



Coat thickness and proper coverage are hugely important. First the cracks and voids that have been filled get hit with brushed on material. Then the WSM2 is sprayed over-top in a crosshatch pattern. As the installer moves around the structure, he will ensure periodically that his mil thickness is correct. The properly trained sprayer will know how to get coverage all the way to the footing without causing dirt/dust to be blown back against the wall.



Class 10 fire resistance on shared walls



0 VOC content

The footing is extremely important, especially the joint that has been filled where the wall meets the slab. Double coverage on this area is always recommended, as it is a horizontal surface rather than a vertical surface.



0 onsite waste



1% annual fade rate



Once the installer gets moving, he can cover a lot of square footage very fast. Generally, a large custom home foundation like this can be fully coated in our membrane in half of a work day. If the builder has set-up their own shoring, safety measures and pre-cleaned the substrate the job will go even faster.



24mil dry mil thickness



+99 year rating underground

After the second coat is installed the installer has achieved either a class 2 vapor barrier at 18-25 mils or a class 1 vapor barrier at 26+ mils. Different jobs will have different specifications for permeability that is required for either damp-proofing or water-proofing. One factor that may affect these requirements is the amount of time that the concrete was poured before coating. Leaving the membrane semi-permeable may be requested so that the concrete can achieve a full cure faster.



24 year product warranty



100% green product



After the membrane is sprayed in place it isn't uncommon for a builder to request a protection layer be installed. These layers vary from peel and stick flashings, asphalt impregnated fiber-board, exterior Styrofoam insulation as well as a rain-screen or compression resistant dimple-board. The added layers can have multiple benefits to the longevity and over-all function of a structure, but it all starts with protecting the concrete with Weatherskin Below Grade membrane.



30% time savings on application