



CASE STUDY - CANNABIS GROW ROOM

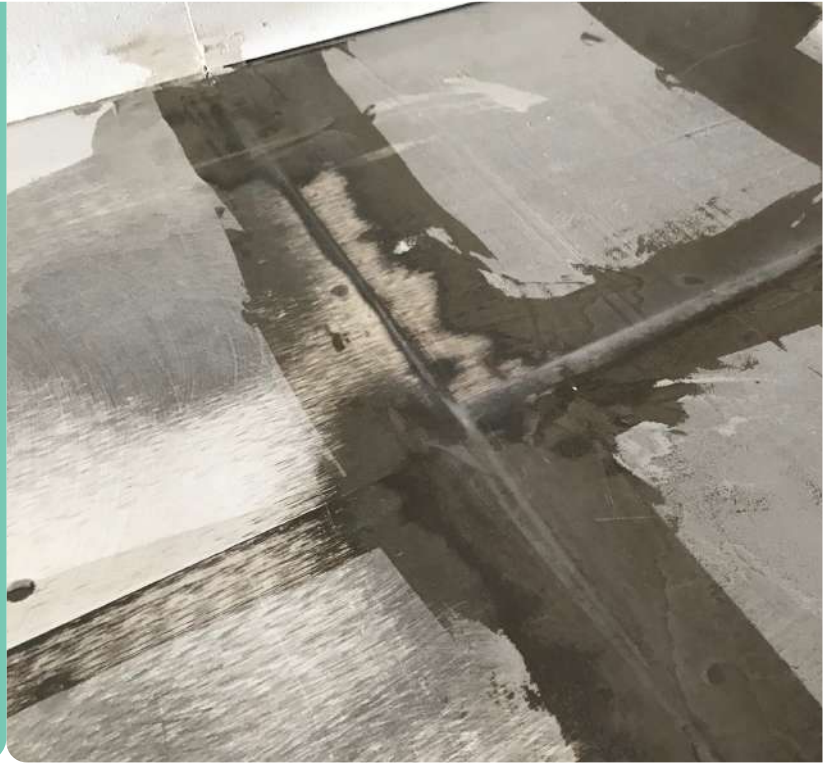
This cannabis grow facility needed protection that would last indefinitely. The initial floor coatings which were simply concrete densifier and a clearcoat had already failed only months into production, the room needed to be coated properly to bring it up to compliance with Health & Drug departments.



\$23,000.00 savings over tear out and replacement of wall/ceiling panels



35 minutes weekly labor savings on ease of maintenance/cleaning



The racks had to be removed so that the job could be done properly. This allowed our installers easier access to the space and the ability to install the flooring faster.



24+ hours saved in application time vs. other options



>35% on light / electricity savings



>3000 PSI can be used for easy pressure washing



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There were still voids prevalent in the wall and ceiling construction that would allow moisture to infiltrate in the form of screw holes and panel seams. These panels might look crisp and clean on the front-side after a wash; however, the problem happens behind the panel inside the wall itself. Spores of mould and bacteria can become airborne and affect the environment, staff, and products.

5x

5X the expected lifespan of competitive systems



100% flood resistant



Any visible seams in the previously installed FRP panels needed to be filled with polyurethane and then coated over.



1100+ linear feet of covers added to room



3600+ linear feet of seam sealing



10,000+ screw holes filled and sealed



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It was decided that we would carry the floor coating 4 inches up the wall and build a cove for the client to eliminate any possible seam or hard edge where the floor met the walls.



0 seams/voids



4 hour turnaround time per coat



The first coatings were applied in order to remove any kind of visible seams from the rooms. This tied the walls into the floor creating one layer of protection over the entire space.



4100+ square feet of failed coating removed by shot-blast/grinder



20+ cracks and fissures were filled/patched in concrete



100% fungi and bacteria resistant



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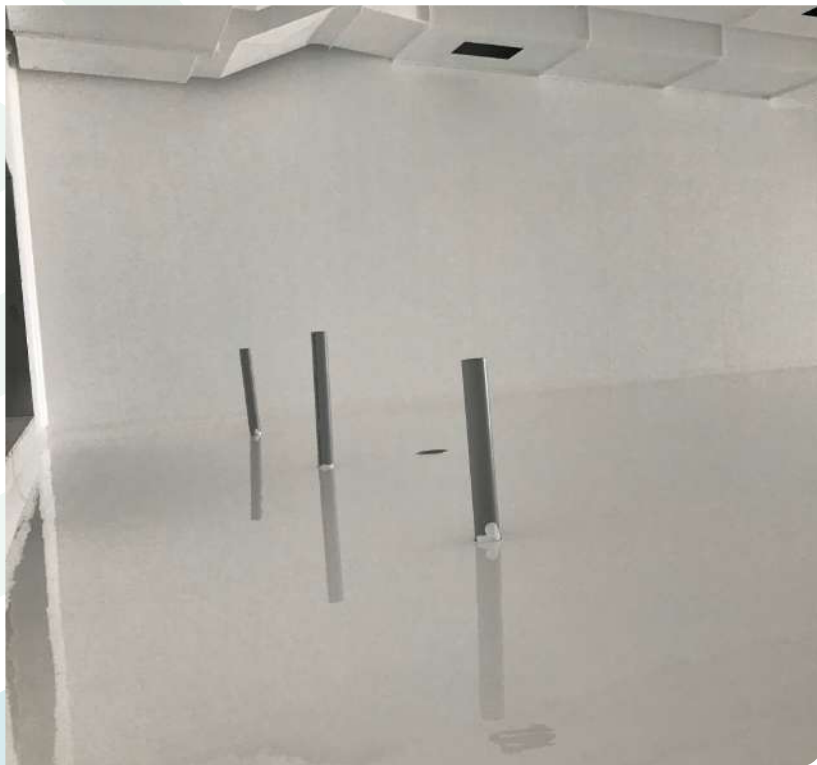
The floors as well as the walls needed to be highly reflective in order to reflect light back into the room and onto the client's product. This saved the client money on electrical costs that are spent to operate such a high demand operation.



100% resistant to gasoline, salt, motor oil, solvents, brake-fluids, anti-freeze, aviation fuel



95% UV/light reflectivity



Even the air ducts and ventilation controls were incorporated into the room with the coatings to maximize light savings and to seal every possible space and void that moisture, removing any space where bacteria or mould could hide.



Less than 1% annual fade due to UV



7+ years added to the lifespan of room



100% compliant with North American food, drug and health standards



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Now that the room is fully encapsulated, the client has an impenetrable surface that can be safely washed with pressure and cleaners. The final high gloss clear-coat was used to go on top the membrane layers of the walls, as a final protective layer of highly durable "armour" encased the entire room.

Now, this facility can be easily maintained and cleaned for years of growth cycles, meeting all the compliance standards in both Canada and the United States.



8100 PSI tensile strength (floor)



100% flexibility



100% solid cure



5 year optional maintenance warranty



5 year ongoing service warranty with annual report

