

CASE HISTORY

Architectural Design

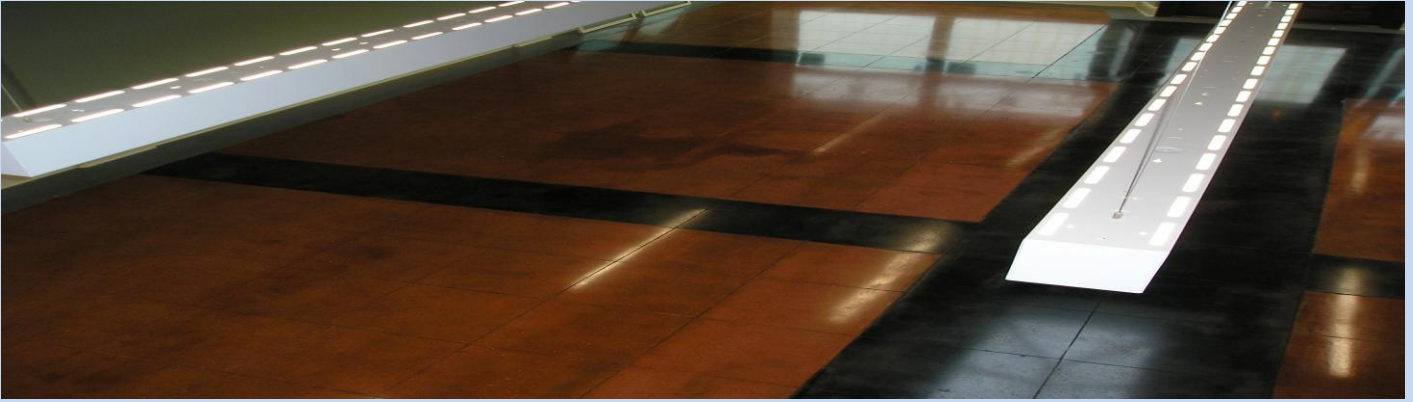
The Challenge: The customer purchased an older building to renovate and turn into their new millwork showroom. The building was used as an auto parts and machinist shop for the prior 90 years. The floor had been covered and coated with several layers of paint and left in a generally rough condition. The customer requested a natural, low maintenance, durable floor that would enhance and compliment the overall design concept.



The Solution: The floor was mechanically grinded using Diamatic Planetary Grinder. This process began with cutting passes using a 25 grit metal bond diamond to remove the existing coatings and expose the existing concrete. The process continued and progressed through a 40 grit, 80 grit, 150 grit, 200 resin bond, 400 resin bond, 800 resin bond and 1500 grit resin bond.



Throughout the process a lithium based densifier was applied to increase the internal strength of the concrete and aid in the polishing process. The final sealant coat was applied to preserve and protect the finished floor.



The finished product was clean, high sheen floor that was both naturally beautiful and functional. The customer was extraordinarily pleased with the outcome.