



Nano-Silica Technology
for Concrete



ARMOURTECH NEW FLOOR ULTIMATE FINISH

PERFORMANCE SPECIFICATION FOR POLISHING USING THE LYTHIC EXPOSED AGGREGATE FLOOR SYSTEM

Dust proofed Abrasion resistant floor with Shine & Max Stain Protection – Suitable for light traffic areas

This specification is provided as a service and is intended to be used as a guideline for preparing the appropriate project specific specification sections.

The quality and level of Diamond Polishing is always the starting point of a good polished floor.

EXECUTION

SURFACE CONDITIONS:

Examine substrate for conditions affecting performance of finish. Correct conditions detrimental to timely and proper work. Do not proceed until unsatisfactory conditions are corrected.

A. Verify that base slab is clean of any mastic or adhesives from previous floor coverings, loose debris, dirt, mildew, oils and grease and efflorescence, curing and latent construction materials.

B. New concrete must be in place a minimum of 28 days or as directed by the Manufacturer before application can begin.

APPLICATION

1. Grind to expose aggregate.
2. Float cementitious skim coat product over the floor to fill pinholes.
3. At approx 120-200 grit grind apply **Lythic STD Densifier**. Apply with airless sprayer.
4. Keep surface wet for 15 - 20 minutes and let dry. No need clean up excess.
5. Approx 1 hr after application polishing can continue to your usual ending grit.
6. Once surface completely clean and dry apply **Lythic SPD Protector**.

Max finish grit to ensure adhesion of **Lythic SPD Protector** shall be 1500 grit.

After 24 hours, surface can be burnished using a red pad, hogs hair pad, or a fine diamond fiber pad to enhance the finished surface.

Allow 24 hours to dry before light traffic. SPD Protector reaches full cure in 72 hours. Do not allow any liquids on the surface until material reaches full cure.

C. FINAL PROTECTION

Applicable procedures must be followed as recommended by the product manufacturer.