



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

PERFORMANCE SPECIFICATION FOR HARDENED AND SEALED CONCRETE FLOORS

MATERIALS AND MANUFACTURERS

CONCRETE HARDENER/DENSIFIER

1. Lythic Densifier, manufactured by:
Lythic Solutions, Vancouver, WA
888-598-4421, 360-694-5347
Brad Sleeper, V.P., Sales and Marketing
503-860-9243

CONCRETE DENSIFYING SEALER

1. Lythic SPD Protector, manufactured by:
Lythic Solutions, Vancouver, WA
888-598-4421, 360-694-5347
Brad Sleeper, V.P., Sales and Marketing
503 860 9243

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. Prior to application, verify that floor surfaces are free of 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

A. Floor to be prepared for Lythic Densifier application with sanding screens or diamond tooling as needed to remove contaminants. Level of polish to be determined by test samples provided on-site.

B. Floor to be sealed with Lythic SPD Protector after diamond polishing to prevent staining and acid etching.

C. Hardening, Polishing and sealing, of Concrete Surface

1. Only a certified applicator shall apply Lythic Densifier. Applicable procedures must be followed as recommended by the product manufacturer and as required to match approved test sample.
2. Achieve dust-proofing and abrasion resistance of the surface without changing the natural appearance of the concrete, except for the sheen
3. Seal to protect surface from acid etching and staining.
4. Finish to within ½" of vertical surfaces where practical.
5. Level of polish based on test sample.

D. FINAL PROTECTION

1. Following completion of the final polishing, surface must be covered to protect from other trades. Cover with breathable product, such as kraft paper, "Ram Board". Do not cover with rosin paper. Plywood protection to have 4 mil plastic slip sheet barriers between wood and slab.

END OF SPECIFICATION