

SELF-LEVELING CEMENTITIOUS TOPPING

RECOMMENDED SPECIFICATION FOR LEVEL-RIGHT® WEARTOP OVER ACOUSTI-MAT® LPR SOUND DEADENING PAD OVER CONCRETE

PART 1 GENERAL

1.01 SUMMARY

- A. This is the recommended specification for Level-Right WearTop over Acousti-Mat LPR sound deadening pad over concrete.

1.02 SECTION INCLUDES

- A. Level-Right WearTop

USGBC LEED Credit Areas Impacted by Level-Right WearTop

USGBC LEED	Credit	Category	How Requirement is Fulfilled
Materials & Resources	MR 2.1-2.2	Construction Waste Management	Recyclable packaging and shipping materials
	MR 5	Local/Regional Materials	Manufactured in West Grove, PA 19390; Job site manufactured with local sand & water

- B. Acousti-Mat LPR (Low Profile with Reinforcement)

USGBC LEED Credit Areas Impacted by Acousti-Mat LPR

USGBC LEED	Credit	Category	How Requirement is Fulfilled
Innovation & Design	ID 1.1	Sound Control	
Materials & Resources	MR 4	Recycled Content	40% Pre-Consumer Recycled Nylon
	MR 5	Regional Materials	Enka, NC 28728
Indoor Environmental Quality	EQ 4.3	Low emitting materials: Floor system	GREENGUARD Children and Schools Certified

- C. Acousti-Mat LPR Adhesive

- D. WearTop Curing Agent – Kure-n-Seal WB

- E. Pioneer Eclipse Hard Floor Sealer & Envirostar Green Satin Top Coat

1.03 QUALITY ASSURANCE

- A. Level-Right WearTop Installer's Qualifications: Installation of Level-Right WearTop shall be by an applicator authorized by the Maxxon Corporation using Maxxon approved mixing and pumping equipment.
- B. Acousti-Mat LPR Installer's Qualifications: Installation of Acousti-Mat LPR shall be by an applicator authorized by the Maxxon Corporation.

1.04 DELIVERY, STORAGE AND HANDLING

- A. General Requirements: Materials shall be delivered in their original, unopened packages, and protected from exposure to the elements. Damaged or deteriorated materials shall be removed from the premises.

1.05 SITE CONDITIONS

- A. Environmental Requirements: Before, during and after installation of Level-Right WearTop and Acousti-Mat LPR building interior shall be enclosed and maintained at a temperature above 50 degrees F (10 degrees C).

PART 2 PRODUCTS

2.01 MATERIALS

- A. Underlayment: Recommended Level-Right WearTop as manufactured by the Maxxon Corporation, Hamel, MN
- B. Sound Deadening Pad: Acousti-Mat LPR as manufactured by the Maxxon Corporation, Hamel, MN
- C. Sand Aggregate: Sand shall be 1/8 inch (3 mm) or less, washed masonry or plaster sand, meeting requirements of Maxxon Corporation Sand Specifications 101
- D. Mix Water: Potable, free from impurities
- E. Adhesive: Acousti-Mat LPR Adhesive as manufactured by the Maxxon Corporation, Hamel, MN
- F. Sealer: Kure-n-Seal WB
- G. Kure-n-Seal Standard of Care: Pioneer Eclipse Hard Floor Sealer and Envirostar Green Satin Top Coat

2.02 MIX DESIGNS

- A. General Requirements: Mix proportions and methods shall be in strict accordance with product manufacturer recommendations.

PART 3 EXECUTION

3.01 PREPARATION

- A. Condition and Cleaning of Subfloor: Subfloor shall be structurally sound. General Contractor shall clean subfloor to remove mud, oil, grease, and other contaminating factors before the arrival of the Level-Right WearTop and Acousti-Mat LPR crew.
- B. Leak Prevention: Fill cracks and voids with a quick setting patching or caulking material where leakage of adhesive could occur.
- C. Expansion Joints: Allow joints to continue through the Level-Right WearTop at the same width.

3.02 APPLICATION OF ACOUSTI-MAT LPR.

- A. Acousti-Mat LPR Installation: Install Acousti-Mat LPR following manufacturer's recommendations and specifications.

3.03 APPLICATION OF SELF-LEVELING FLOORING

- A. Scheduling: Application of Level-Right WearTop and Acousti-Mat LPR shall not begin until the building is enclosed, including roof, windows, doors, and other fenestration. Install after drywall installation unless tenant finish requirements identify partitioning after the pour.
- B. Application: Place the recommended Level-Right WearTop a nominal 3/8 inch to 1/2 inch (8mm) thick over Acousti-Mat LPR. Spread and screed Level-Right WearTop to a smooth surface
- C. Sanding for Burnished, Marble Look: Buff sand the WearTop surface the day after the pour with a traditional floor buffing machine using an 80, 100 or 120 mesh screen to desired look. After the surface is screen sanded and broomed, use a tack rag or dry Swiffer mop to remove dust.
- D. Curing and Sealing: Level-Right WearTop is to be coated with at least 2 coats of Maxxon approved sealer such as Kure-n-Seal WB within 24 hours after installation except when staining, epoxy or other floor coverings will be installed.
- E. Kure-n-Seal Standard of Care: After the Kure-n-Seal is dry, apply 2 coats of Pioneer Eclipse Hard Floor Sealer followed by 2 coats of Envirostar Green Satin Top Coat. Follow manufacturer's instructions on the label.
- F. Drying: General Contractor shall provide continuous ventilation and adequate heat until Level-Right WearTop is fully cured.

3.04 PREPARATION FOR INSTALLATION OF GLUE DOWN FLOOR GOODS

- A. Floor Goods Procedures: See the Maxxon Corporation's "Procedures for Attaching Finished Floor Goods to Maxxon Underlayments" brochure for guidelines for installing finished floor goods. This procedure is not a warranty and is to be used as a guideline only.

3.05 FIELD QUALITY CONTROL

- A. Slump Test: Level-Right WearTop mix shall be tested for slump as it's being pumped using a 2 inch by 4 inch (50 mm by 101 mm) cylinder resulting in a patty size of 9 1/2 inches (241 mm) plus or minus 1 inch (25 mm) diameter.

- B. Field Samples: At least one set of 3 molded cube samples shall be taken from each day's pour during the Level-Right WearTop application. Cubes shall be tested as recommended by the Maxxon Corporation in accordance with modified ASTM C 109. Test results shall be available to architect and/or contractor upon request from applicator.

3.06 PROTECTION

- A. Protection from Heavy Loads: During construction, place temporary wood planking over Level-Right WearTop wherever it will be subject to heavy wheeled or concentrated loads.

END OF SECTION