

## SELF-LEVELING CEMENTITIOUS TOPPING

### RECOMMENDED SPECIFICATION FOR LEVEL-RIGHT® WEARTOP CEMENTITIOUS SELF-LEVELING FLOOR TOPPING FOR CAPPING CONCRETE FLOORS

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. This is the recommended specification for Level-Right WearTop Cementitious Self-Leveling Floor Topping for capping concrete floors.

##### 1.02 SECTION INCLUDES

- A. Level-Right WearTop Cementitious Self-Leveling Floor Topping

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. Manufacturer Approved Primer
- C. WearTop Curing Agent – Kure-n-Seal WB

##### 1.03 QUALITY ASSURANCE

- A. 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.

##### 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, building interior shall be enclosed and maintained at a temperature above 50 degrees F (10 degrees C) and below 100 degrees F (37.7 degrees C) until structure and subfloor temperature are stabilized.

#### PART 2 PRODUCTS

##### 2.01 MATERIALS

- A. Cementitious Self-Leveling Poured Floor Topping: Floor topping compound shall be Level-Right WearTop Cementitious Self-Leveling Floor Topping as manufactured by Maxxon Corporation, Hamel, MN.
- B. Mix Water: Potable, free from impurities.
- C. Concrete Primer: Manufacturer Approved Primer
- D. Curing Agent: Kure-n-Seal WB
- E. Sealer: Commercial Floor Wax

## 2.02 MIX DESIGNS

- A. General Requirements: Level-Right WearTop mix proportions and methods shall be in strict accordance with product manufacturer recommendations.

## PART 3 EXECUTION

### 3.01 PREPARATION

- A. Condition and Cleaning of Concrete: Concrete shall be structurally sound. Steel troweled concrete, concrete sealed with curing compounds, or slick or smooth substrate surfaces must be shotblast or scarified to a Concrete Surface Profile of 5 (CSP 5) per International Concrete Repair Institute Guideline 03732. General Contractor shall clean concrete to remove mud, oil, grease, and other contaminating factors before arrival of the Level-Right WearTop crew.
- B. Leak Prevention: Fill cracks and voids with a quick setting cement patching or caulking material where leakage of Level-Right WearTop could occur.
- C. Priming Concrete: Prime concrete using the Manufacturer Approved Primer. Priming instructions vary according to the porosity of the concrete, multiple coats may be necessary.
- D. Expansion Joints: Allow joints to continue through the Level-Right WearTop at the same width.

### 3.02 APPLICATION OF SELF-LEVELING FLOORING

- A. Scheduling: Application of Level-Right WearTop shall not begin until the building is enclosed, including roof, windows, doors, and other fenestration.
- B. Application: Place Level-Right WearTop 0 – 1 inch (0 - 25 mm). Deeper applications can be done in multiple lifts or using stone per manufactures recommendations. Spread and float Level-Right WearTop to a smooth surface. Except at authorized joints, place Level-Right WearTop as continuously as possible until application is complete so that no Level-Right WearTop slurry is placed against Level-Right WearTop product that has obtained its initial set.
- 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 Kure-n-Seal WB within 24 hours after installation except when staining, epoxy or other floor coverings will be installed.
- E. Kure-n-Seal WB Standard of Care: Apply commercial wax over the Kure-n-Seal WB after it is dry. Follow manufacturer's instructions.
- F. Drying: General Contractor shall provide continuous ventilation and adequate heat until Level-Right WearTop is fully cured.

### 3.03 PREPARATION FOR INSTALLATION OF GLUE DOWN FLOOR GOODS

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

### 3.04 FIELD QUALITY CONTROL

- A. 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.

### 3.05 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