


# LEVEL-RIGHT FS-10



WITH ITS HIGH-SPEED SET AND SMOOTH PERFORMANCE, LEVEL-RIGHT® FS-10 IS THE SELF-LEVELING UNDERLAYMENT THAT WON'T KEEP YOU WAITING.



## LEVEL-RIGHT® FS-10

FOR A SMOOTH, LEVEL FLOOR THAT SETS FASTER THAN EVER.

- New construction or renovation
- Levels entire floors or transition areas, featheredge to deepfill
- Resurfaces old or damaged concrete floors
- Up to 7200 PSI (50 MPa), hydraulic cement
- Water resistant
- Caps cracked, lightweight concrete
- Above, on or below grade
- Fills "duck ponds" in concrete floors
- No troweling required
- Provides a temporary wear surface in as little as two to four hours after application
- Experienced, authorized applicators nationwide
- Exceeds standards set by leading floor goods manufacturers
- Easy mixing — just add water
- Can be barrel-mixed or used in any continuous pumping machine
- Supported by Maxxon® Corporation

### LEVELS, SMOOTHS, REPAIRS — 0-10 MM (0-3/8"), FAST!

When the job calls for a new floor that's smooth, level and super fast-setting, Level-Right® FS-10 comes to the rescue. Ideal for thin-topping applications over concrete, it provides a smooth, level, new surface that dries fast to keep your job on schedule and allows for placement of floor goods soon after application.

### LARGE JOB OR SMALL, PUMPED OR Poured.

Got a lot of floor to cover? Level-Right FS-10 can be conveniently pumped in to save time, labor and cleanup. For smaller patching and filling jobs, Level-Right FS-10 can be easily barrel-mixed with water and poured in place. It installs from a featheredge to 10 mm (3/8") thickness in just one, easy pour.

### POUR TODAY, PLACE FLOOR GOODS TOMORROW.

Level-Right FS-10 keeps your job on the fast track — all the way through installation of finished floor goods. It's the edge you need to be competitive in an industry where time and cost-efficiency are more important than ever. Ceramic tile can be thin set within 2 to 4 hours. Other floor goods can be installed once Level-Right FS-10 passes a moisture test.





## INSTALLATION

**PREPARATION** — Concrete subfloors must be fully cured, moisture free and have no efflorescence. The substrate surface shall be clean, dust and contaminant free. Cracks should be filled with a crack filler or an elastomeric compound. Plumbing or electrical penetrations should be packed with insulation and sealed.

**SUBFLOOR** — All subfloors must be structurally sound, solid, free of dirt, mud, dust, grease, curing and sealing compounds, and other contaminating factors. All subfloors must be dry and a minimum of 50 °F (10 °C). Mechanically clean the surface by shotblasting or scarifying. Shotblast to an IRCI Concrete Surface Profile 5 (CSP 5). On wooden floors a slipsheet must be used to galvanized metal lath. All cracks in the subfloor should be repaired to minimize telegraphing through the underlayment.

**PRIMING** — To promote proper hydration and to ensure a solid bond, the subfloor must be coated with Maxxon® Floor Primer. Level-Right® FS-10 should not be poured without first priming the subfloor.

**MIXING** — The Level-Right FS-10 powder and water should be mechanically mixed using a 650 rpm power mixer or Maxxon-approved pumping equipment.

## TESTING

For Level-Right FS-10, field testing must be performed in accordance with modified ASTM C 109M. Before independent sampling, contact the Maxxon quality control department to ensure that proper procedures are followed.

## LIMITATIONS

1. Do not pour Level-Right FS-10 where the floor temperature is less than 50 °F (10 °C) or greater than 100 °F (37.7 °C).

## TECHNICAL DATA

<b>Compressive Strength</b> .....	Typical: 1500 PSI (10.3 MPa) 1 day Modified ASTM C 109M	5270 PSI (36.2 MPa) 7 days 5500-7200 PSI (38-50 MPa) 28 days
<b>Freeze/Thaw Resistance</b> .....	90% +/- 3% ASTM C 666	
<b>Dry Density</b> .....	approx. 120–125 lbs/ft <sup>3</sup> (1922–2003 kg/m <sup>3</sup> )	
<b>Tensile Strength</b> .....	1200 PSI (8.3 MPa) 28 days ASTM C 190	
<b>Abrasion</b> .....	ASTM Taber 250 Cycles, 1000 gram load on H 22, 4" wheels: wt. loss 0.30 gram	
<b>Shear Bond Strength w/ Concrete</b> ....	1060 PSI (7.3 MPa) 56 days ASTM C 882-91	
<b>Shear Bond Strength w/ Level-Right FS-10</b> .....	3160 PSI (21.7 MPa) 56 days ASTM C 882-91	
<b>Recycled Content</b> .....	21% pre-consumer	

2. Protect the poured mortar from wind and sun, and from freezing temperatures for the first 72 hours.

3. During construction, place temporary wood planking over the underlayment wherever it will be subjected to heavy wheeled or concentrated loads.

4. The structural subfloor and floor joist must both comply with manufacturers' maximum span criteria. Typically a deflection limitation of L/360 is adequate for Maxxon Underlayments. Some floor coverings may require a stiffer floor system. Maxxon Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. Necessary allowances should be made for expected live, concentrated, impact, and/or dead loads including the weight of finished floor goods and setting beds.

5. Level-Right FS-10 is for interior use only; it is not a wearing surface.

6. Level-Right FS-10 will not structurally bridge over expansion joints, saw cuts or structural cracks. They should be allowed to continue through the Level-Right FS-10. The architect or structural engineer must specify expansion joints and show their location in areas that will receive hard surface floor goods such as ceramic or marble tile, and hardwood flooring.

7. Maximum installation thickness without aggregate is 1/4" (8mm). For deeper pours use multiple lifts or add aggregate.

8. For applications other than those over structural concrete, please call Maxxon Corporation's technical department.

9. Maxxon Underlayments are "breathable" and not a vapor barrier. The general contractor, architect, specifier, or building owner shall test slabs-on-ground or elevated slabs for MVER (ASTM F1869-09) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds the floor covering manufacturer's respective requirements for the finished flooring system, the concrete must be treated with a moisture vapor barrier, such as Maxxon DPM or Maxxon MVP, before installation of a Maxxon Underlayment.

10. It is the responsibility of the floor goods installer to determine the compatibility of their product with a particular floor underlayment.

## SAMPLE USGBC LEED® CREDIT AREAS IMPACTED BY LEVEL-RIGHT FS-10\*

Project	Credit	Category	How Requirement is Fulfilled
Materials & Resources	MR 2	Construction Waste Management	Recyclable packaging and shipping materials
	MR 4	Recycled Content	21% pre-consumer slag
	MR 5	Local/Regional Materials	Manufactured in West Grove, PA 19390; Job site manufactured with local sand & water

\*Credits will vary depending on project type and Maxxon products used. Contact Maxxon Corporation for more details.

# LEVEL-RIGHT<sup>®</sup> FS-10

## Fast Setting, 0-10 mm

For more info: 800-356-7887 • Email: info@Level-Right.com  
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### Another superior product from:

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THE MAXXON GREEN MARK  
Maxxon products with this symbol  
may help contribute toward points  
for LEED project certification.