

## Product Description

Akona® Level-Flo™ Plastic Lath is a light weight self-furred plastic lath designed to mechanically attach and reinforce Akona® Level-Flo™ Self-Leveling Floor Underlayment Cement and mortar beds over exterior grade plywood substrates. Akona® Level-Flo™ Plastic Lath is self furred on both sides and is easy to cut with a standard utility knife. Akona® Level-Flo™ Plastic Lath is easy to handle because of its light weight characteristics and is safer to use than metal lath. Meets industry requirements for hydronic and electric radiant heat installations.

## When/Where to Use

- Horizontal, interior applications
- For tile, concrete, and stone over properly constructed plywood substrate
- May also be used for constructing countertops
- Can be used under damp or wet conditions
- Required for hydronic and electrical heating systems

## Advantages

- Furred on both sides
- Easy to handle and safer to use
- Cuts easy with standard utility knife
- Replaces traditional metal lath
- Will not rust under damp and wet conditions

## Packaging / Yield

Small Roll: One roll equals 100 sq. ft. (9.3 m<sup>2</sup>). Roll measures 30" x 40' (76 cm x 12.2 m). Six rolls per carton and four cartons per pallet.

## Surface Preparation

Proper surface preparation is crucial to achieving a successful application. All surfaces must be structurally sound and non flexing. Remove all dust, waxes, sealers, old adhesive residue, curing compounds, oil or other foreign materials prior to application.

## Helpful Items:



## Application

### Self-leveling underlayment and mortar bed application:

Refer to directions on Akona® Level-Flo™ Self-Leveling Floor Underlayment Cement or Akona® Fast Setting Floor Patching Cement for proper substrate preparation in conjunction with Akona® Level-Flo™ Plastic Lath. Cut Akona® Level-Flo™ Plastic Lath to preferred size. Edges can be overlapped or tightly "butt-jointed" depending on overall thickness of installation and manufacturers recommendations. Make sure lath joints are off set to plywood joints. Hold plastic lath flat to the substrate with raised edges down and secure with staple fasteners or roofing nails every 4" in all directions. Staple fasteners shall penetrate substrate a minimum of 3/8" (9.5 mm). Continue process until the entire work area is completed and secured.

### Recommended fasteners and attachment patterns:

- Option A: Use 1/2" (13 mm) crown galvanized staples (min. 3/8" [10 mm] leg) every 2" (5 cm) around the perimeter and 4" (10 cm) in the field.
- Option B: Use 1" (2.5 cm) crown galvanized staples (min. 5/8" [16 mm] leg) every 3" (7.6 cm) around the perimeter and 6" (15 cm) in the field.
- Option C: Use hot-dipped galvanized roofing nails (min. 1" [2.5 cm] length) every 3" (7.6 cm) around the perimeter and 6" (15 cm) in the field.

### Movement Joints:

Expansion joints should be installed in accordance to local building codes. See EJ 171 in TCA handbook for specific requirements.

### Finished floor installation:

Installing ceramic tile or natural stone should be performed in accordance to ANSI A108.1B, A108.5 and instructions found in data sheets on [www.akonallc.com](http://www.akonallc.com)

## Notes

- Do not use to bridge or cover over existing expansion, control, construction, cold or saw-cut joints.
- Do not bond tile directly to hardwood or strip wood surfaces, fire retardant/treated plywood, luan plywood, particle board, gypsum underlayment's, masonite, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass or plastic.
- This product is not intended to be used over improperly cured or wet plywood.



- Wood flooring should be properly ventilated on the underside and protected from water vapor and moisture.
- All plywood surfaces and plywood surfaces supported by joists should be dry prior to installing of ceramic tile as any shrinkage that occurs after the installation can cause failures.

## Warranty

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, those including merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, the sellers liability to the buyer at no point for any particular project shall exceed the total purchase price of said product.

