



Installation Guide

ARK Waterproof Corners

Product Overview

Preformed, seamless corners that keep your tile assemblies leak-free. Perfect for inside and outside corners, including 135° angles on benches and curbs.

Recommended Applications

- Inside and outside wall corners
- Bench and curb corners, including 135° angles
- Junctions in showers, tubs, and wet-area walls
- Compatible with ARK waterproofing membranes, boards, and heated floor systems

Not suitable for: exposed exterior corners without protection, unstable or wet substrates

Required Tools & Materials

- Utility knife or scissors
- Measuring tape & marker
- Notched trowel or flat trowel for thin-set mortar
- Polymer-modified thin-set mortar compatible with ARK waterproofing systems
- Roller or smoothing tool

Surface Preparation

1. Ensure substrates are clean, dry, flat, and structurally sound.
2. Remove dust, debris, coatings, or loose particles.
3. For wall-to-floor corners, ensure the corner angle is true and free of gaps.
4. Plan the placement of preformed corners along all inside and outside corners.

Installation Steps

1. Dry Fit the Corner

- Position the ARK Waterproof Corner at the intended location.
- Verify proper fit and full coverage of the corner junction.

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2. Apply Thin-Set Mortar

- Spread a uniform layer of polymer-modified thin-set mortar along the surfaces where the corner will be embedded.
- Ensure the mortar fully covers the contact areas of the substrate.

3. Embed the Preformed Corner

- Press the ARK Waterproof Corner into the mortar, ensuring full contact with the substrate.
- Use a roller or smoothing tool to remove air pockets and ensure a tight seal.

4. Integrate with Membrane Systems

- Embed adjoining ARK membranes or boards into the corner with thin-set mortar.
- Ensure seamless, watertight connections with no gaps or overlaps.

5. Curing

- Allow mortar to cure according to manufacturer recommendations before installing tiles, stone, or other finishes.
- Avoid stressing or moving the corner during curing.

Safety Notes

- Wear appropriate personal protective equipment (PPE).
- Avoid installation on wet, unstable, or contaminated surfaces.
- Handle cutting tools with care.

Storage

- Store corners in a dry, covered environment.
- Avoid prolonged UV exposure or high heat.

Maintenance & Warranty

ARK Waterproof Corners do not need special maintenance after installed; Lifetime warranty from the day of installation if it is quality defects.



Remark:

Recommendations on methods, materials, and construction details are provided by Ark Synthetics based on current knowledge and experience. They serve as a general guide for designers, contractors, and manufacturers. Installation should also consider local conditions, project-specific requirements, and guidance from designers or other qualified professionals. For project assistance, contact: info@arksynthetics.com

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Pub. No. AS-36675. Printed in Canada. April 2025.
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