

## COMPOSEAL GRAY 20 MIL PE CORNERS

### STEP-BY-STEP INSTRUCTIONS FOR USING POLYETHYLENE (PE) CORNERS IN WATERPROOFING APPLICATIONS

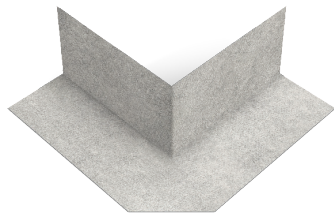
Polyethylene (PE) corners are essential for ensuring a seamless, watertight seal at all corners of waterproofing installations. These corners are ideal for use in showers, curbs, benches, niches, and even on floors such as kitchens above basements. Proper installation with thin-set mortar and Compotite Elastiseal Pro provides superior waterproofing and durability.



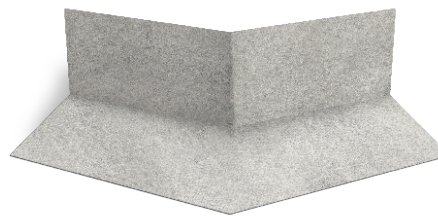
90° Inside Corner



135° Inside Corner



90° Outside Corner



135° Outside Corner

#### WHERE TO USE PE CORNERS

##### SHOWERS:

- ◇ Inside and outside corners where walls meet.
- ◇ Inside corners where the shower pan meets the walls.
- ◇ Corners on benches, niches, and curbs.

##### FLOORS (E.G., KITCHENS ABOVE BASEMENTS):

- ◇ Inside corners where the floor meets walls or vertical surfaces.
- ◇ Outside corners around protrusions or structural elements.

#### MATERIALS AND TOOLS REQUIRED

- ◇ Polyethylene (PE) corners (inside and outside)
- ◇ Compotite Elastiseal Pro
- ◇ Thin-set mortar (ANSI A118.4 or A118.15 compliant)
- ◇ Waterproofing sheet membrane or liquid membrane (for adjacent surfaces)
- ◇ Notched trowel (1/8" x 1/8" square-notch recommended)
- ◇ Flat trowel or rubber roller
- ◇ Measuring tape
- ◇ Scissors or utility knife
- ◇ Sponge and clean bucket of water

### PREPARATION

#### INSPECT AND CLEAN THE SUBSTRATE

- ◇ Ensure all surfaces are flat, clean, dry, and free of grease, dust, or debris.

#### DRY FIT THE CORNERS

- ◇ Place PE corners in their respective locations (inside or outside corners) to ensure proper fit before installation.

### INSTALLATION PROCESS

#### 1. APPLY ELASTISEAL PRO TO THE CORNER AREA

- ◇ Apply a layer of Elastiseal along the seam or corner where the seam tape will be installed.
- ◇ Spread the Elastiseal Pro for even coverage.

#### 2. INSTALL THE PE CORNER

- ◇ Position the pre-formed PE corner.
- ◇ Press the corner firmly into place, ensuring full contact with the substrate.
- ◇ Smooth out the corner with a flat trowel or rubber roller to remove air pockets and ensure proper adhesion.

#### 3. SEAL THE PE CORNER WITH COMPOTITE ELASTISEAL PRO

- ◇ Apply a bead of Compotite Elastiseal Pro along the edges of the PE corner to reinforce the waterproofing seal.
- ◇ Spread the Elastiseal Pro evenly over the corner's edges and seams using a flat trowel, ensuring full coverage.

#### 4. INTEGRATE WITH ADJACENT WATERPROOFING MEMBRANES

- ◇ Overlap the PE corner with the waterproofing membrane on adjacent surfaces (e.g., walls, shower pan, or floor).
- ◇ Use Elastiseal Pro and seam tape (if applicable) to secure the overlap.
- ◇ Apply additional Elastiseal Pro to the overlapping seams for added waterproofing.

### SPECIFIC APPLICATIONS

#### A. SHOWER INSIDE CORNERS

- ◇ Install PE corners where walls meet each other and where the shower pan meets the walls.
- ◇ Ensure full coverage with Elastiseal Pro at the transition between the shower pan and walls.

#### B. SHOWER OUTSIDE CORNERS (E.G., CURBS AND BENCHES)

- ◇ Use PE outside corners to wrap the edges of curbs, benches, or niches.
- ◇ Ensure proper overlap with adjacent waterproofing membranes for a seamless seal.

#### C. FLOORS ABOVE BASEMENTS

- ◇ Install PE corners at inside and outside corners where the floor meets walls or structural protrusions.
- ◇ Use Elastiseal Pro to seal all edges and overlaps, ensuring protection against water penetration.

### FINAL STEPS

#### INSPECT FOR PROPER INSTALLATION

- ◇ Check that all PE corners are fully adhered, smooth, and free of wrinkles or gaps.
- ◇ Ensure complete coverage of all seams with Elastiseal Pro.

#### ALLOW TO CURE

- ◇ Allow the Elastiseal Pro and thin-set mortar to cure according to the manufacturer's recommendations before proceeding with additional waterproofing or tiling.

#### OPTIONAL FLOOD TEST (SHOWERS)

- ◇ Perform a flood test to verify waterproofing integrity, especially in wet areas like showers.

### PROFESSIONAL TIPS

- ◇ **Fit and Alignment:** Always dry fit the PE corners before applying mortar to ensure precise placement.
- ◇ **Overlap:** Overlap adjacent membranes onto the PE corner by at least 2 inches for maximum waterproofing.
- ◇ **Pre-Folded Corners:** Use pre-formed corners to save time and ensure a perfect fit in both inside and outside corner applications.
- ◇ **Clean As You Go:** Wipe away excess thin-set or Elastiseal Pro during installation for a clean and professional finish.

By following these instructions, professional tile installers can ensure durable and watertight installations in showers, curbs, benches, niches, and floors, providing long-lasting protection against water damage.