



# Waterproofing for Pools, Spas, & Waterscapes



Pool & Spas  
Fountains  
Reservoirs  
Lagoons  
Waterparks  
Surf Parks  
Tanks  
Cisterns  
Aquatic Tanks

The Most Flexible Cementitious Waterproof Coatings on the Market

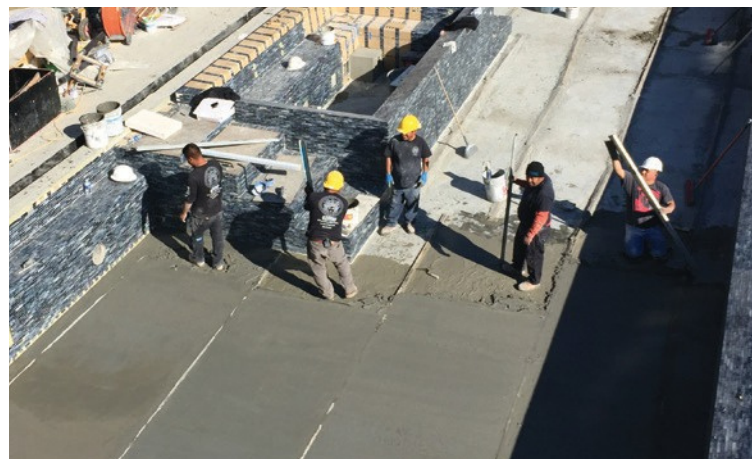
**#1 CHOICE  
BY INDUSTRY  
PROFESSIONALS**

[WWW.MIRACOTE.COM](http://WWW.MIRACOTE.COM)

The industry's first, and only comprehensive waterproofing system for pools, spas, and waterscapes. Multiple components are engineered to work together and provide lasting performance in the most critical applications.

*"I specified the Miracote system because of Service, Track Record of Successful Jobs, Local MFG, and Superior Products with wide range of applications"*

Justin Ewart, President  
Allied Roofing and Waterproofing



## System At-A-Glance:

**Corrosion/Efflorescence Mitigation**

MiraPrime Aqua-Blok XL

**Mortar Bed**

Miracote Mortar Bed 2000

**Waterproofing**

MiraFlex Membrane C

**Bond Coat**

Miracote BC Pro  
Miracote BC Pro 2k

**Ancillary Products:**

MiraPatch WP  
Miracote Poly-Fabric  
MiraFlex Hybrid Sealant



Deep penetrating sealer reacts with free calcium hydroxide to form a silica hydrogel which fills capillaries to waterproof, harden, and densify the concrete substrate.



### WHERE TO USE:

- Pools and Spas
- Fountains
- Lagoons and ponds
- Waterscapes
- Recreational Water Parks
- Water/Wastewater Structures
- Secondary containment
- Dams and spillways
- Tunnels, retaining walls, elevator pits and foundations

## MiraPrime Aqua-Blok XL

### ADVANTAGES:

- Deep penetration up to 4" depending on capillary porosity.
- Water-thin micro-crystalline technology – penetrates fast.
- Purges/expel chlorides and other contaminants.
- Enhances physical properties – maintains breathability.
- Significantly reduces migration of efflorescence.
- Minimizes the potential for shrinkage cracking and dusting.
- Significantly reduces moisture vapor emissivity.
- Hydrophilic moisture barrier – resists hydrostatic pressures.
- Permanent and self-healing integral waterproofing.
- Enhanced protection of reinforcing steel from corrosion.
- Reduces moisture absorption in plaster by as much as 80%.
- Cures, seals, densifies, and hardens new/existing concrete.
- Modified with lithium – self-reactive in low pH conditions.



Miracote mortar bed solutions significantly improve adhesion to substrates, and enhance the properties of waterproofing membranes, tile installations, and bond coats.

**Miracote Mortar Bed 2000** is for contractors who value the consistency of a factor blend; demand the highest quality, and want to avoid the variables associated with in-field mixing.



#### WHERE TO USE:

- Mortar beds, render mortars, thin sets, terrazzo and stucco.
- Concrete toppings, repair mortars, and bond coats.
- Latex-modified overlays and general construction use.
- Enhancement for floor slab underlayments.
- Concrete deck slabs for pedestrian/vehicular exposure.

#### ADVANTAGES:

- Factory blended for consistent quality and performance.
- Significantly improves adhesion to underlying substrates.
- Increases compressive, flexural and tensile properties.
- Improves abrasion resistance of mortar and concrete.
- Functions as a water-reducing plasticizer.
- Increased durability against freeze-thaw cycles.
- Improves workability and trowelling characteristics.
- Reduces shrinkage of sand & cement mortars.
- Enhances water retention for improved hydration.
- Reduces permeability and water absorption.
- Improves resistance to carbonation/chloride penetration.
- Complies with ASTM C-1059-86, Type II.
- Will not re-emulsify after cure.
- Convenient packaging for ease of use in the field.
- Latex-modified overlays and general construction use.
- Enhancement for floor slab underlayments.
- Concrete deck slabs for pedestrian/vehicular exposure.



**MiraFlex Membrane C Flexible Cementitious Waterproofing** creates a seamless waterproofing vessel that reduces reflective cracking and does not age harden. The vapor permeable membrane is ideal for interior or exterior exposure.

## ADVANTAGES:

- NFS-61 Certified for use in potable water.
- Permanent high flexibility – does not age harden.
- Carbon dioxide barrier – prevents concrete carbonation.
- Protects against de-icing salts, chlorides, sulfates.
- Vapor permeable membrane - breathable.
- Ideal for interior and exterior stand-alone exposure.
- Excellent resistance to abrasion, wear, and impact.
- Suitable for application on moist or damp substrates.
- Crack isolation membrane – reduces reflective cracking.
- Compatible with cementitious thin-set mortars.
- Wide range of available colors when using white powder.
- Green technology – environment-friendly, LEED-compliant.

## WHERE TO USE:

- Negative side vapor permeable membrane is ideal for interior, exterior, or stand-alone exposure, above and below grade.
- Below grade positive side waterproofing.
- Planter box and foundation waterproofing.
- Plaza decks, balconies, pedestrian bridges, roof decks.
- Fountains, pools, spillways, storage, and aquatic tanks.
- Crack isolation/waterproofing.
- Applied to horizontal, vertical, and overhead surfaces.



Miracote bondcoat protects the membrane from the plastering process; provides an ideal bond coat between waterproofing and plaster, and significantly reduces pool plaster delamination for new and restoration applications.

### Miracote BC PRO

#### ADVANTAGES:

- Eliminates the need for chip-outs and brown coats.
- Protects membrane for plastering process.
- Single component - Just add water.
- Available in white – easier to work with on hot days.
- Economy and performance in one package.
- Enhanced bonding capabilities.
- Vapor permeable – allows concrete to “breathe.”
- Excellent freeze/thaw resistance.
- Suitable for use in positive and negative side applications.
- Ideal bond coat between cementitious waterproofing & plaster.
- Provides balanced hydration during the plastering process.
- Eliminates excessive substrate preparation.
- Saves time and money in labor and equipment costs.
- Significantly reduces pool plaster delamination problems.
- Low VOC – Meets LEED Criteria.
- Can be integrally pigmented to match various plaster finishes.
- Will not re-emulsify.

### Miracote BC PRO 2k

#### ADVANTAGES:

- Two component – Apply plaster within a few hours.
- Available in white – easier to work with on hot days.
- Economy and performance.
- Enhanced bonding capabilities.
- Vapor permeable – allows concrete to “breathe”.
- Excellent freeze/thaw resistance.
- Suitable for use in positive and negative side applications.
- Ideal bond coat between cementitious waterproofing and plaster.
- Provides balanced hydration during the plastering process.
- Eliminates excessive substrate preparation.
- Saves time and money – compresses work schedule.
- Significantly reduces pool plaster delamination problems.
- Low VOC – Meets LEED Criteria.
- Can be pigmented to match various plaster finishes.



#### WHERE TO USE:

- Pools & Spas.
- Raised Bond Beams.
- Fountains, ponds & water features.
- Dams, reservoirs, spillways and troughs.
- Tunnels, retaining walls, elevator pits and foundations.
- Water, wastewater, and secondary containment structures.
- Horizontal, vertical, above and below grade applications.
- Waterproofing protection for concrete, brick and masonry.
- Filler for “bug holes” & parge coat for a smoother finish.



**MiraPatch WP** is a hydraulic water plug for active leaks, packing pipe penetrations, and other applications requiring fast setting and rapid strength gain in full immersion service conditions.



### ADVANTAGES:

- Fast-setting, rapid strength gain.
- Shrinkage-compensated for controlled expansion.
- Single component formulation – just mix with water.
- Does not contain chloride, gypsum, or metallic materials.
- Excellent adhesion to concrete and masonry.
- Easily molded and applied into leaking cracks and voids.
- Apply subsequent coatings in 20 to 30 minutes.



### MiraFlex Hybrid Sealant

#### ADVANTAGES:

- Solvent free.
- Low VOC.
- Non-toxic, no odor.
- Non-flammable.
- High bond strength.
- Highly weather resistant.



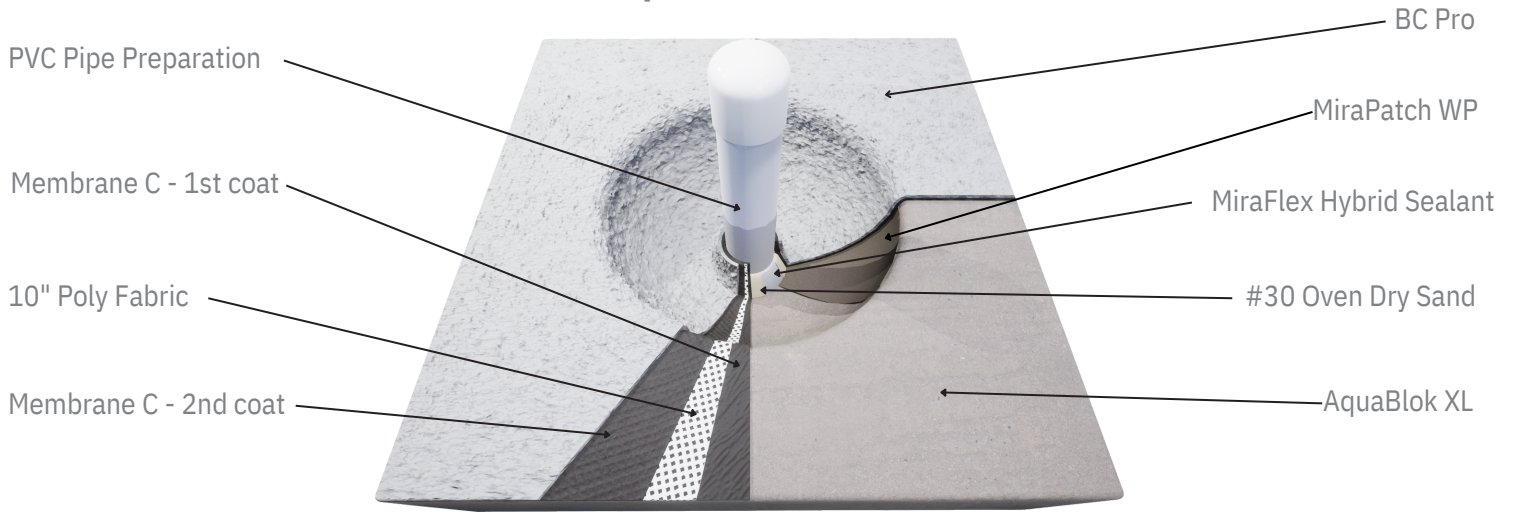
### Miracote Poly-Fabric

#### ADVANTAGES:

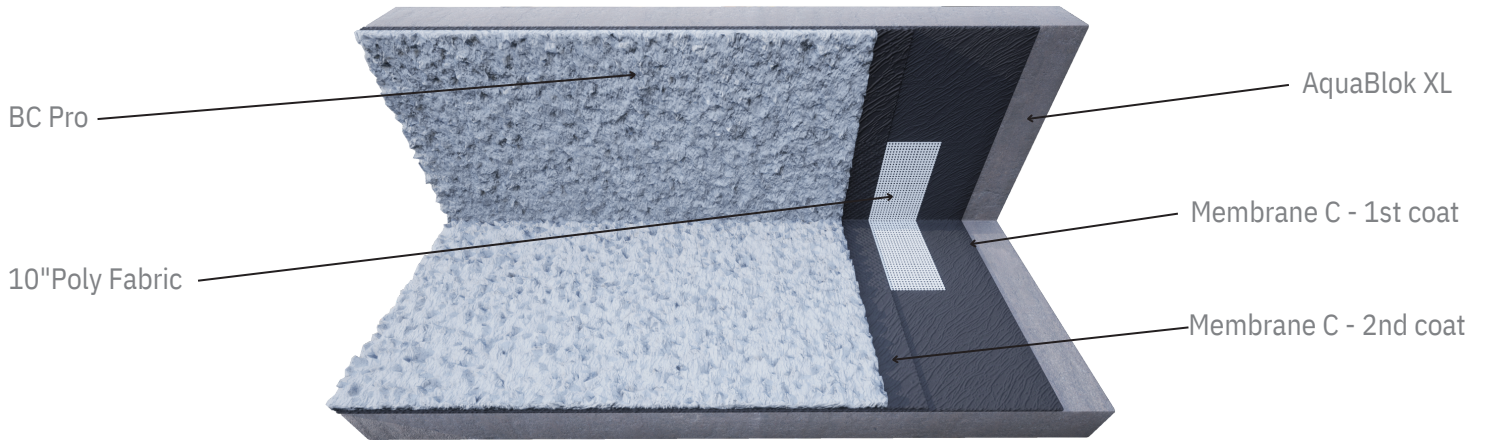
- Polypropylene woven-mesh fabric.
- Embed with membranes and cementitious coatings.
- Adds strength & reinforces.
- Reinforcement over cracks & joints.
- Alkaline resistant.
- Crack isolation.



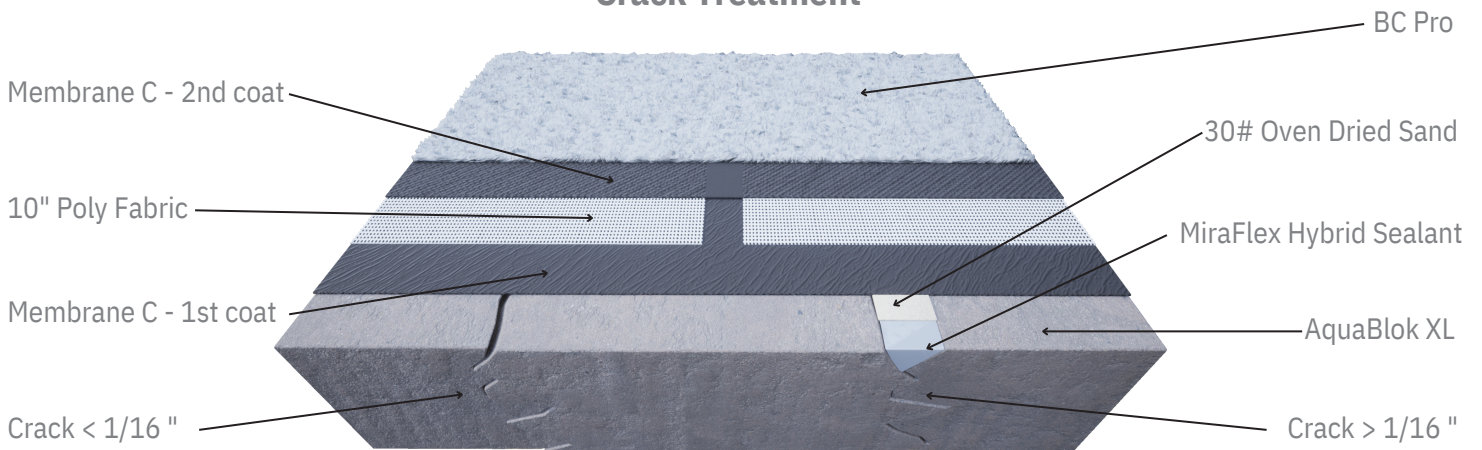
### Pipe Penetration



### Change in Plane

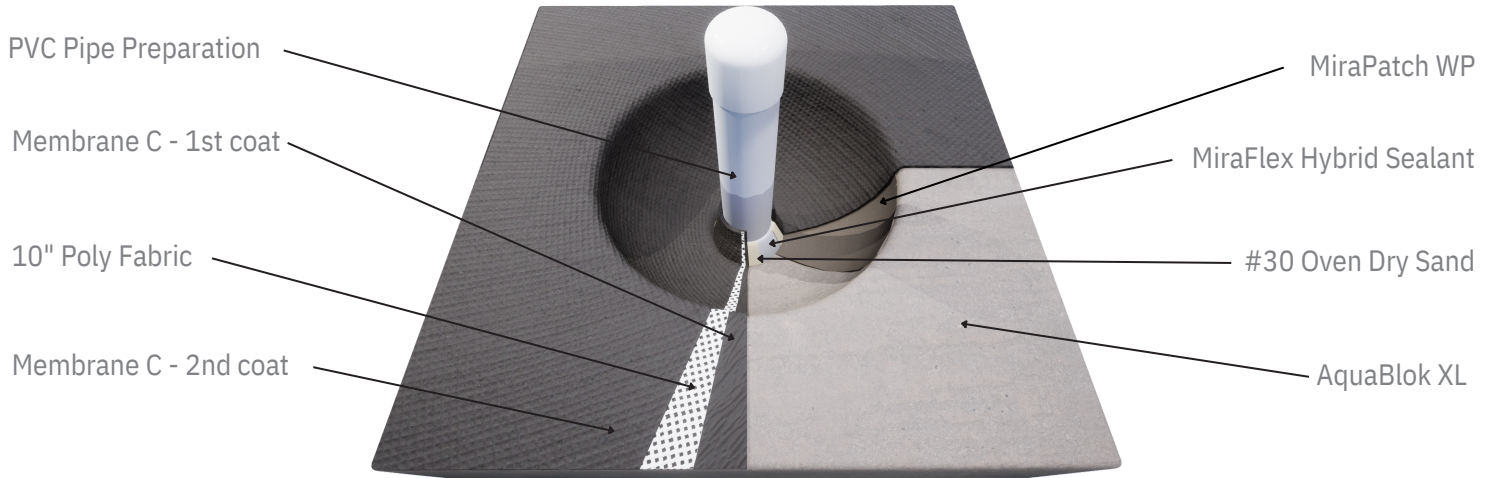


### Crack Treatment

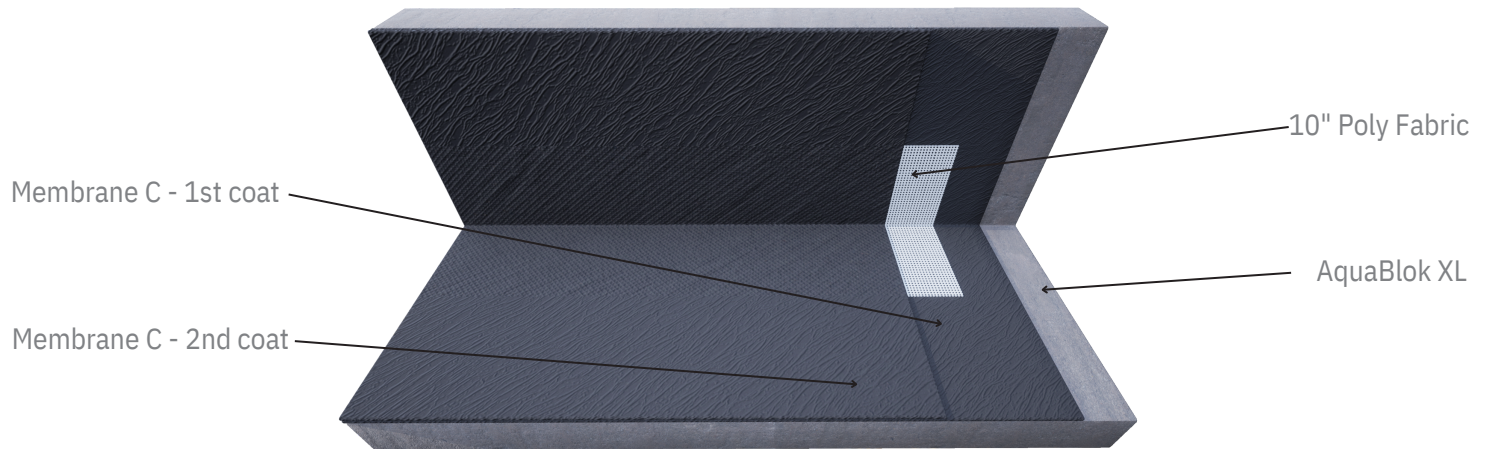




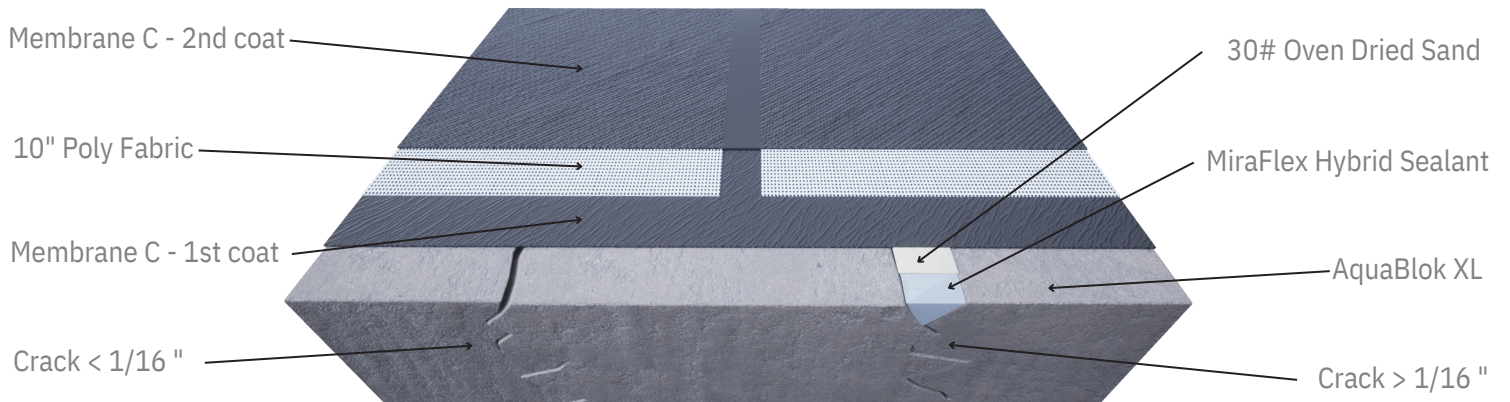
### Pipe Penetration



### Change in Plane



### Crack Treatment





★ To inquire about the **Miracote Trained Contractors Program**, visit [www.miracote.com](http://www.miracote.com)

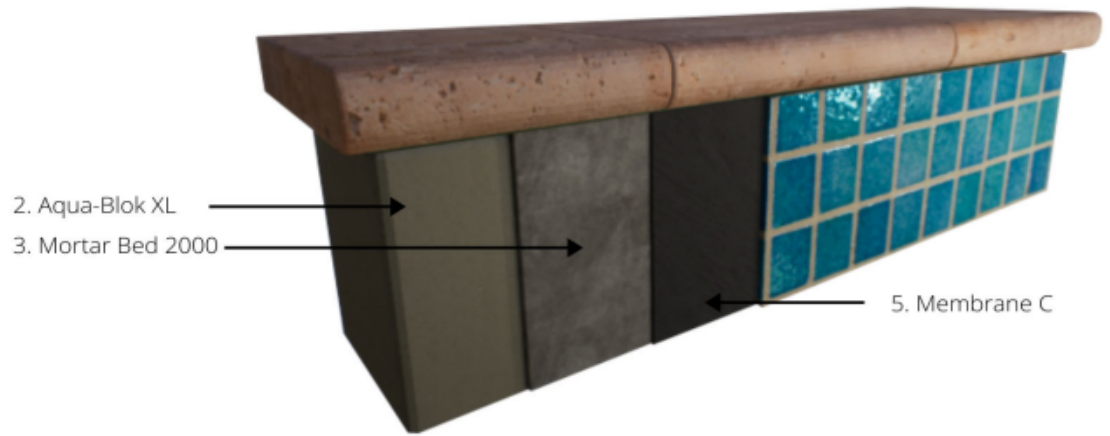


Miracote specializes in a systems approach to waterproofing, where each system is designed for the specific application requirements.

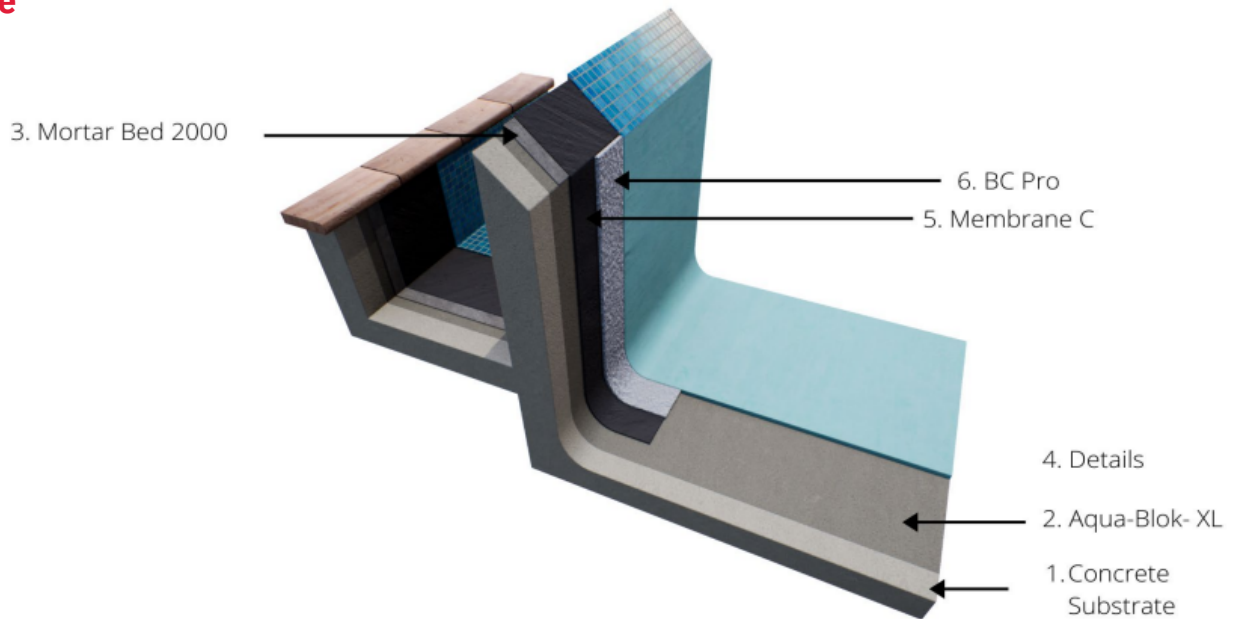


- 1. All Tile Pool/Spa**
- 2. Fountain & Waterscapes**
- 3. Elevated Pool/Spa**
- 4. Tile Line**
- 5. In Ground**
- 6. Infinity Edge**

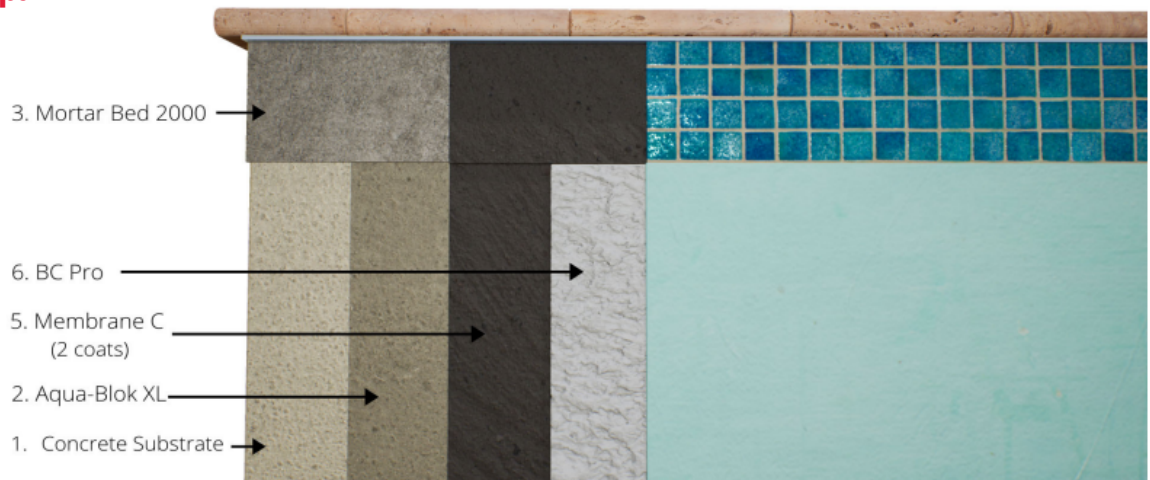
**Tile Line**

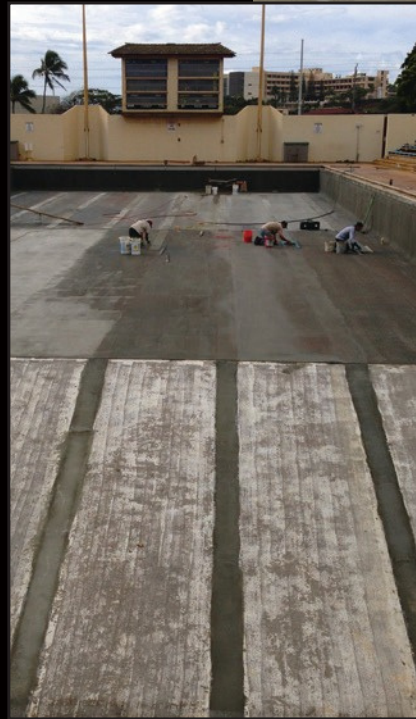



**Infinity Edge**



**Elevated Pool & Spa**






**Membrane C** is widely used throughout the area, West reports. All the frontline applicators use it. Many top consultants, including myself, strongly recommend it. It's my go-to waterproofing membrane.

James West,  
 Waterproofing Consultant to the Stars  
 Beverly Hills. Bel Air. Brentwood. Malibu.



**West Coast** : 310.886.9119

**Central** : 210.888.0449

**East Coast** : 908.245.2808

**Products:**

- Miracote** - Cementitious Renewal Systems and Protective Coatings
- MiraFlex** - Vapor Permeable Membranes and Waterproofing
- MiraFlor** - Resinous Products and Flooring Systems
- MiraGard** - Vapor Permeable Coatings and Sealers
- MiraPatch** - Concrete Repair Mortars and Underlayments
- MiraPrime** - Speciality Primers
- MiraStamp** - Stampable Overlay Products and Accessories
- MiraThane** - Polyurethane Coatings and Membranes

