

HIGH TECH WATERPROOFING, LLC

BEE-Dry Coatings

(630) 331-2341

BEE Coating Advantages

- Seamless(monolithic) waterproof encapsulation
- Extremely high puncture and abrasion resistance
- Volatile free and odorless
- Fire retardant
- Weather Tolerant: Cures at -25°F to >200°F even in High Humidity
- Fast reaction times, fast return to service
- Flexible: Bridges Cracks
- Can be applied in any thickness
- Excellent bonding to carefully prepared substrates
- Eliminates need for caulking
- Long life expectancy maintaining physical properties
- Excellent resistance to shock and vibration
- Can be custom colored
- THIS IS NOT A SEALER....ITS AN ENCAPSULATION COATING.

The System

This coating and process was designed to solve the multitude of problems found in existing masonry parapet wall construction.

Common issues:

- Failed caulk and tar joints
- Failed and leaking mortar joints and seams in coping
- Failed roof termination strips
- Deteriorated brick mortar joints
- Water intrusion into the wall
- Water migration into the building

These common issues are easily identified on almost all parapet wall constructions, and unless carefully maintained, WILL CAUSE WATER MIGRATION INSIDE THE BUILDING.

The BEE-Dry solution includes the careful inspection, design, and installation of a complete ENCAPSULATION system, designed to permanently solve the issues that cause water intrusion.

Great for new and old buildings, they all have issues that can be solved with BEE-Dry.

Best in class guarantees and warranties.

Before Encapsulation



After Encapsulation



Seamless integration



Specifications

Polyurea based formulas have been a widely used for over 20 years, and their end applications are only limited by our imaginations. This material holds excellent physical characteristics and properties, and is used today in a rapidly growing number of applications.

High Tech Waterproofing, LLC is an applicator of multiple polyurea formulations, supplied through a strategic Partnership with Oak Ridge-Foam and Coating Systems. We design and apply high quality, very competitive formulations that can be used on standard applications, or be tailored to meet application specific needs.

Our polyurea coatings are made in the USA!

Typical physical properties

Test category	Test	Results
Tensile Strength	ASTM D-412	2,850
Elongation	ASTM D-412	400%-600%
Hardness (shore A)	ASTM D-2240	90 +/- 5
Tear Resistance lbs/in	ASTM D-624	370
VOC	ASTM 3960	Zero
Tack Free	(to touch)	10-20 seconds
Water vapor permeability	ASTM E-96	0.02
Pull test (concrete)	ASTM D-930	375 PSI
Water absorption	ASTM D-471	0.75%
Fire Resistance	N/A	self extinguish in <5 Sec

**We specialize in stopping the water before it enters the building envelop, preventing serious damage to the structure and its finishes.
It's our guarantee!!**

Testimonial:

“In this climate, small cracks and gaps are like capillaries, that when exposed to freeze-thaw, become veins, and then arteries, allowing water intrusion into the building envelop. The problems associated with failed parapet wall constructions are paramount. This encapsulation solves the problems associated with parapet walls like no other system I have seen on the market today. It's a comprehensive and long term solution that I would highly recommend to all of my clients.”

HSH Inspections, LLC; Chuck McKiel, CMI

Contact us for more information:

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