# HULK SYSTEMS:
## BELLY BAND APPLICATION

PK SESSION: MAY 8, 2026



# PRODUCT ONE: HULK ACRYLIC WATERPROOFING




**Hulk Acrylic Waterproofing** is a water-based, Class (A) fire-resistant elastomeric membrane designed for superior waterproofing applications. It offers exceptional flexibility, adhesion, and resistance to harsh environmental conditions. Its innovative formula ensures minimal waste and optimal performance in extreme climates, making it a reliable choice for both residential and commercial projects.

**CHARACTERISTICS / ADVANTAGES**

- Fire-Resistant: Class “A” fire rating (ASTM E84-01).
- Superior Adhesion: Bonds effectively to various substrates including concrete and foam (ASTM C-836).
- Flexible Performance: Maintains elasticity in extreme cold (-40°F/-40°C).
- Environmental Resistance: Withstands pests, UV rays, acid rain, and salt.
- Eco-Friendly: Low VOC and non-corrosive.

HULK SYSTEMS

# PRODUCT TWO: WASHED & SCREENED PLAY SAND




**Washed and Screened Play Sand** is a specially processed, fine, and non-toxic sand designed for children's sandboxes,, offering a soft, moldable texture that is free from debris, dust, and clay.

Washed; Because wet sand will plug your machine.

Screened; Because too big of aggregates will plug your machine.

HULK SYSTEMS

# MIXTURE



**Mix Portions**

60% Hulk Acrylic Waterproofing

40% Washed Screened Play Sand

**Mix Portions**

60% Hulk Acrylic Waterproofing

40% Washed Screened Play Sand

HULK SYSTEMS

# COMMON PROBLEMS
## WITH TRADITIONAL BELLY BAND METHODS

### 1 CRACKING



- Cement-based materials can crack over time.
- Creates pathways for water infiltration.

### 2 SHRINKAGE



- Traditional mixes shrink during curing.
- Leaves gaps or voids around the pipe penetration.

### 3 POOR ADHESION



- Does not bond well to pipe or surrounding surfaces.
- Increased risk of separation and failure.

### 4 WATER WASHOUT



- Non-waterproof materials erode or wash out.
- Reduces long-term durability and support integrity.

### 5 DIFFICULT WORKABILITY



- Mixes can be stiff, dry or hard to place.
- Slower installation and harder application.

### 6 INCONSISTENT MIXING



- Variations in water or aggregate lead to inconsistent results.
- Unpredictable performance from batch to batch.

### 7 BRITTLE PERFORMANCE



- Cement-only systems lack flexibility.
- More susceptible to cracking from settlement or vibration.

### 8 POOR MOISTURE RESISTANCE



- Some materials absorb water over time.
- Accelerates deterioration and possible leaks.

### 9 LONGER INSTALLATION TIME



- Difficult mixing and shaping increases labor time.
- Reduced productivity and higher labor costs.

### 10 FREQUENT MAINTENANCE OR REPAIRS



- Lower-performing materials may fail prematurely.
- Increased callbacks and long-term maintenance costs.

HULK SYSTEMS

HULK SYSTEMS

# ADVANTAGES OF USING HULK WP FOR BELLY BAND APPLICATIONS

| Benefit | Description | Field Advantage |
|---|---|---|
| **Superior Water Resistance** | Hulk WP helps create a waterproof barrier around the pipe penetration area. | Reduces water infiltration and protects surrounding structure and backfill. |
| **Excellent Workability** | The 60% liquid / 40% aggregate mix creates a smooth, packable consistency. | Easier to place, shape, and compact during installation. |
| **Strong Bonding Characteristics** | Polymer-enhanced mix promotes adhesion between sand and surrounding surfaces. | Helps prevent separation, washout, and weak spots. |
| **Reduced Shrinkage & Cracking** | Flexible polymer system minimizes cracking compared to rigid cement-only mixes. | Improves long-term durability and reduces void formation. |
| **Improved Flexibility** | Material can tolerate slight movement and settlement. | Helps prevent brittle failure in changing ground conditions. |
| **Consistent Aggregate Performance** | Washed screened play sand provides uniform particle size and cleanliness. | Predictable mixing, smoother application, and reliable results. |
| **Faster Installation** | Simple mix design allows quick field preparation and placement. | Saves labor time and improves crew efficiency. |
| **Cost-Effective System** | Sand extends coverage while maintaining performance. | Lower material cost per application with high performance. |
| **Durable Long-Term Performance** | Combination of Hulk WP and sand creates a stable, resilient belly band. | Reduces maintenance and potential callbacks. |
| **Improved Pipe Stabilization** | Material forms a solid support structure around penetrations. | Enhances pipe support and sealing integrity. |









HULK SYSTEMS

# PRODUCT DEMO

## BELLY BAND APPLICATION




# THANK YOU FOR JOINING!

HULK SYSTEMS

# BELLY BAND Q&A