



**HULK SYSTEMS**



**THE TOUGHEST GRADE  
WATERPROOFING  
PROTECTION ON EARTH**

## HULK SYSTEMS DRIVING MISSION

Hulk System's line of groundbreaking chemistry and composite waterproofing systems are developed to protect the most advanced building materials from water ingress, fire, pests, bacteria, and mold growth. Hulk System's aim is to protect builders, contractors, and end users alike from fixes, damage, warranty claims, lawsuits; all arising from the use of failure prone systems, as well as health issues associated with using hazardous or toxic materials. Hulk System's solves the industry's problem of missing a foundation waterproofing solution that doesn't require punctures, penetrations, seams, joints, and eliminates that feeling of doubt and suspicion you get when backfilling a foundation, you don't fully trust is protected.

## THE HULK SYSTEMS PROCESS

Composite waterproofing is when a liquid coating or slurry coating is applied with a high-performance textile embedded into it during application. The addition of the textile provides a structural matrix, helping to form the coating into a single, durable, stable, protective cast, better resisting external forces like load and impact. An arm cast is the same idea. If you just applied the plaster, without the fiberglass wrap, it would simply fall off your arm in clumps or crack apart. The combination of the 2 materials creates an entirely new material, with superior properties, that can greatly increase abrasion, impact, fire, pest, water, and tear resistance.

The process is easy to grasp. No wait times are needed.

- (1) Apply a healthy coating to your surface.
- (2) Embed your textile.
- (3) Apply a healthy coating overtop the textile.

## THE TECHNOLOGY

Each coating and system have been designed to exceed the performance specifications of the leading competitors offerings, by the coatings guru himself, Dr. William Shiwei Guan, Hulk System's in-house formulator, and highly acclaimed chemist / product engineer. The principle category of waterproofing that Hulk System's develops is Composite Waterproofing. This type of waterproofing has been commonly used to wrap pipelines and reinforce columns, posts, beams, and pillars for earthquake proofing.

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## THE PRODUCTS

### **HULK SYSTEMS TEXTILE**

A Fiber glass, dual woven fabric for composites, made specifically not to stretch during unrolling or cutting, and to not shed fibers during handling. The material has extremely high burn temperature thresholds, deters pests as fiberglass is avoided when chewing or burrowing, and is trusted in design applications such as vehicles bumpers, and bridge reinforcement.





## **HULK SYSTEMS ACRYLIC WATERPROOFING**

Available in grey, white, black and green. Where the leading acrylic polymer waterproofing products available in the market contain an overuse of elastomeric additives like latex and rubbers, Hulk Systems did not want to compromise abrasion and adhesion integrity for elongation. Elongation doesn't help if the coating loses its bond or is prone to tearing or being punctured. A durable, dense, pure acrylic polymer and the best binders, ensure this coating endures maximum abuse, while remaining flexible enough to span most crack and fissures.

## **HULK SYSTEMS CEMENTITIOUS WATERPROOFING**

The most frustrating aspects of competitive cementitious coatings are the vague mixing ratios, the poor consistency when troweling the coating, and small window of time you have before the products flash-set. Hulk System's cementitious waterproofing is easy to mix; 1 part 3.5 gallon volume liquid to 1 part 45 lbs. bag volume cement mix. It trowel's on even, fast, and smooth, and it remains in a usable state for up to 1 hour.





## **HULK SYSTEMS STPE WATERPROOFING**

STPE coating technology was designed for high humidity and coastal regions prone to rainfall. Its chemistry is also formulated to cure while wet and even submersed, and can be used on green, or freshly poured concrete. While not as durable as the acrylic coatings, STPE can be greatly strengthened by the inclusion of the embedded textile layer for maximum performance. Hulk System's STPE is the only type available that is tested and deemed safe for use on foams such as EPS and XPS and has a proven superior bond strength over competitive product.

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## **HULK SYSTEMS HYBRID: PLURAL APPLIED WATERPROOFING**

The major faults of Polyurea are its limited flexibility, and its intolerance of surface moisture. Industrial grade, plural coatings are often temperamental during application, requiring very stable conditions to spray. Hulk System's Hybrid Coatings offer a range of flexibility, tailored to your substrate. The coating is equal parts mixing ratio 1:1, for easy mixing, and have balanced viscosities, so the components don't need pressure and heat adjustments to ensure proper blending at the collision stage. The abrasion resistance is also superior to polyurea, and the coating can be trusted to protect surfaces with the highest of abuses.





## HULK SYSTEMS ACRYLIC STUCCO SYSTEM

The stucco system is designed to be applied on-top exterior mounted foam insulation or ICF above grade block. The cementitious coating is applied with the textile embedded into it. Another coat is applied overtop the textile. This is the high build layer that provides structure and eliminates any deficiencies and profile characteristics of the block or panel sheathing. 2 coats of Hulk System's aggregate stucco wall coating are custom tinted and applied using an air driven stucco or mortar hopper. The end result is a much lighter weight, yet much stronger finish, capable of enduring higher abuses and far better at deterring pests like woodpeckers than the leading EIFS or acrylic stucco systems on the market.

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## HULK SYSTEMS ICF POOL SYSTEM

The full ICF pool system is intended for dual sided ICF pools, where the foam is intact on the interior of the pool, and not a one-sided ICF where the interior is formed concrete but will perform equally well when used for both applications. The cementitious coating is applied with the textile embedded into it. Another coat is applied overtop the textile. This is the high build layer that provides structure and eliminates any deficiencies and profile characteristics of the block. Once cured, a variety of recommended liquid coating liners can be applied, including, Hulk Systems Fast Cure Epoxy, Hulk Systems Polyaspartic, or Hulk Systems Hybrid, plural applied coatings.

