



# HULK STPE® ICF Waterproofing & Foundation Protection

Monolithic Waterproofing for ICF Construction



## Designed for Foam-Based Building Systems

HULK STPE® waterproof roofing and membrane technology is exceptionally well suited for Insulated Concrete Form (ICF) construction where foam compatibility, movement tolerance, and seamless waterproofing are critical.

Unlike solvent-based systems that can attack EPS foam or become brittle over time, HULK STPE® technology bonds aggressively to ICF substrates while remaining permanently flexible.

## Ideal Applications

- Below-grade ICF waterproofing
- Foundation walls
- Grade beams
- Footing transitions
- Tie holes and penetrations
- Slab edges
- Elevator pits
- Retaining walls
- Mechanical penetrations
- Podium transitions
- Split-grade assemblies

## Why STPE Excels on ICF

ICF construction introduces unique waterproofing challenges:

- Foam-to-concrete transitions
- Differential movement
- Penetration complexity
- Irregular geometry
- Fastener interfaces
- Window and door integration

HULK STPE® provides a fully adhered, flexible membrane that integrates directly with the ICF assembly while maintaining continuity across transitions and penetrations.

Its ability to tolerate light moisture and unexpected weather exposure makes it particularly valuable on foundation projects where environmental conditions frequently interrupt conventional waterproofing systems.

## Key Benefits

- ✓ **Foam Compatible**  
Safe for EPS and foam-based assemblies without solvent attack or degradation.
- ✓ **Seamless Waterproofing**  
Creates a continuous monolithic membrane with no seams, laps, or vulnerable joints.
- ✓ **Superior Movement Capability**  
Bridges shrinkage cracks and accommodates thermal and structural movement common in ICF construction.
- ✓ **Damp Surface Adhesion**  
Can bond to properly prepared damp concrete and foam substrates.

- ✓ **Rain-Ready Installation**  
Can tolerate unexpected weather exposure and early rain events far better than many conventional waterproofing systems.
- ✓ **High-Build Application**  
Builds membrane thickness quickly for faster production and dependable coverage in demanding field conditions.
- ✓ **Reduced Weather Delays**  
Helps crews maintain installation schedules during unstable weather conditions.
- ✓ **Long-Term Flexibility**  
Maintains elasticity over time without becoming brittle.
- ✓ **Reinforced System Capability**  
Compatible with reinforcing fabrics and composite detailing systems for high-stress areas.

### Recommended System Areas:

- Exterior foundation walls
- Frost walls
- Cold joints
- Penetration detailing
- Pipe and conduit entries
- Sill interfaces
- Waterproof transitions to slabs and decks