

ENERTITE® G Water-Blown Spray Foam Product

IT IS STRONGLY ENCOURAGED TO COMPLETE A QUALITY CONTROL DAILY REPORT AND AN INSULATION CARD FOR EACH PROJECT.

PRODUCT / GUIDELINES	ENERTITE G
PASS THICKNESS (inch)	½ - 6
YIELD (board feet per set)	17,000- 21,000
SUBSTRATE TEMPERATURE LIMITATIONS <i>(Use cold application methods / flash passes when needed)</i>	
Normal substrates (Wood, wood-based)	20-120°F
Heat sink materials (Metal/concrete)	30-120°F
PROCESSING TEMPERATURES A/B Heaters & Hose Heat (Adjust in +/- 3° increments)	
Colder Conditions	125-135°F
Warmer Conditions	105-125°F
PROCESSING PRESSURES Adjust ± 50 psi increments	
Equipment Set Pressure (Dynamic/spraying pressures listed secondary)	1150-1450 psi (900-1200 psi)
OTHER INFORMATION	
Reactivity/Speed (Ambient temp. range)	One Reactivity/Speed (20-120°F)
Resin Shelf Life	6 months
ISO Shelf Life	12 months
ENERTITE G DOES NOT NEED MIXING	

BASF Product	Reentry @ 20 ACH*	Reentry with minimal ventilation	Reoccupancy
Enertite G	2 hours	4 hours	24 hours

*Ventilation rates based upon ventilation used DURING the time of application and for the timeframe listed.

ENERTITE G PREPARATION AND APPLICATION TIPS

Material Temperatures for Processing:

- At the time of application Drum temps should be approximately 70°F.
- Heating and recirculation are not required if the material is 70°F or higher.
- If the material is below the recommended temperature:
 - Use heating mechanisms such as heating blanket or space heaters
 - or-
 - Set the heater blocks for A & B to 80°F and heat/ recirculate material through the proportioner.

Hose heat is a critical part of the system, affecting the material in the following manner:

- ENERTITE G drips when cold
- ENERTITE G may collapse slightly or shrink back when processed too hot
- To ensure proper operation and processing, note the following:
 - Ensure that the hose wrap/insulation is intact, including the whip section.
 - If the Fluid Temperature Sensor (FTS) is not near the gun or remains coiled in the rig, the hose heater circuit may not be initiated (causing a false temperature reading).
 - If the hose heat is using "resistance mode," then seasonal calibration is recommended to help with more accurate temperature reading.

Processing temperature and pressure impacts:

- The rate of foam expansion (reaction time) is dependent on processing temperature. If the foam seems hard to control or it is difficult to "keep up with the wave", consider lowering the heater settings.
- Increasing pressure too much can cause spraying into rising foam which may lead to trapped odors or blow back.

Application tips and technique for maximizing yield:

- Fine tuning spray distance, speed, and overlap may improve coverage rates.
- Ideally, apply foam in each cavity in a single lift (6-inch max). This allows the chemical reaction heat to expand the cells thus maximizing expansion.
- If multiple thin passes or touch-ups are applied, the finished cut surface and yield may be affected.
- Picture framing or using a wide side-to-side motion ("wet the framing") allows the liquid spray to contact all surfaces, therefore, promoting strong adhesion and minimizing gaps that require touch-ups.

Refer to the BASF Open-cell SPF Application Guidelines for more details.

TECHNICAL ASSISTANCE

For more detailed information, contact Inside Technical Sales at Toll-Free: 1-800-706-0712, Option 2 (CST)

Email: spf.techsales@basf.com

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Technical data sheets: [BASF SPF Contractors: TDS / SDS INFO](#)

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BASF Spray Foam APP available for download



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