



# Green Jacket™

Insulation Protection Board

**vs.**

# Tuff-N-Dri Barrier Board

## Warm-N-Dri Foundation Board

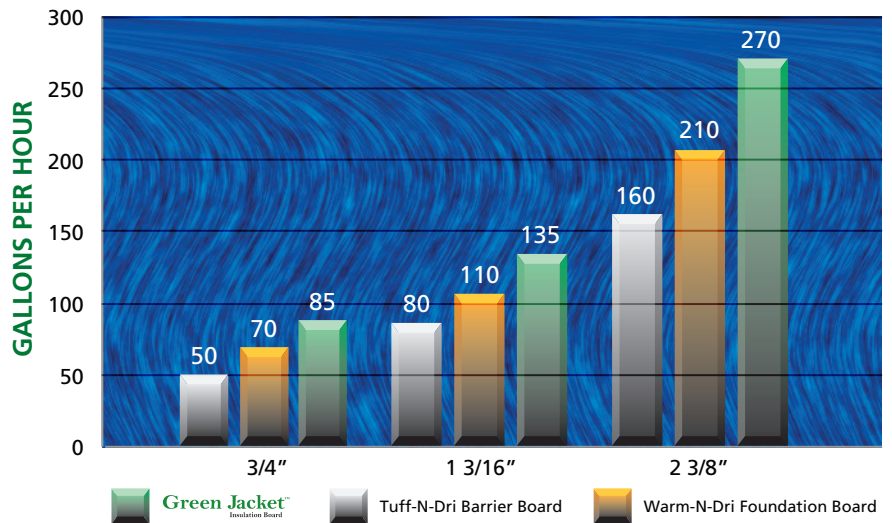
### Drainage Flow Rates

*Ability to Drain Water Based on Hydraulic Transmissivity  
Test method ASTM D-4716*

	Green Jacket™	Tuff-N-Dri	Warm-N-Dri
<b>3/4" Board</b>	85 gph/lf	50 gph/lf	70 gph/lf
<b>1 3/16" Board</b>	135 gph/lf	80 gph/lf	110 gph/lf
<b>2 3/8" Board</b>	270 gph/lf	160 gph/lf	210 gph/lf

### Summary of Drainage Rate Comparison

Test numbers reveal a minimum of 20% more water flow rather through Green Jacket™ over Warm&Dri foundation board™. Greater drainage rates means more water reaches the footer when it is needed, reducing the impact of water pressure on the wall and reducing the possibility of leaks or structural damage.



### R-Values

*ASTM C518 Thermal Transmission Test Method*

	Green Jacket™	Tuff-N-Dri	Warm-N-Dri
<b>3/4" Board</b>	R-3	R-3	R-3
<b>1 3/16" Board</b>	R-5	R-5	R-5
<b>2 3/8" Board</b>	R-10	R-10	R-10



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## Warm-N-Dri Foundation Board

## Characteristics

### Green Jacket™ (Polyester Synthetic Fibers)

- Strong tensile strength
- Resistant to most chemicals
- Resilient-flexible-elastic (bends around walls)
- Mildew resistant
- Abrasion resistant
- No loose fibers - safe to install
- Not itchy
- UV resistant

### Fiberglass Products

- Strong tensile strength
- Resistant to most chemicals
- Non-resilient and non-flexible (non-bending)
- Organic material susceptible to mildews/molds
- Low abrasion resistance
- Loose fibers - potential respiratory hazard
- Itchy
- Non-UV resistant

### Protection Ability-Durability

The gravel test video demonstrates the durability of Green Jacket™ over the fiberglass board.

### Benefits of Green Jacket™

- Subs can use gravel shooter speed up at the rock installation
- Less damage to waterproofing membrane
- Protects insulation capacity
- Increases water drainage to the footer drains



## Environmental Impact

### Green Jacket™

Green Jacket™ is made of greater than 70% postindustrial recycled raw materials such as P.E.T. drink bottles and synthetic carpet 'yarns' and can be 100% recycled back to synthetic fibers. It contains no liquid resins or formaldehydes. Chemical and allergy free.

### Fiberglass Products

Fiberglass products are made of 58% post consumer glass products. Raw source/process is silica sand, limestone, soda ash. They are melted into glass.