

# JET STREAM<sup>®</sup> ULTRA

ULTRA PERFORMING BLOWING INSULATION FOR ATTICS & SIDEWALLS

## The ULTRA Solution vs. Cellulose for Both Walls and Attics.

**FOR WALLS:** Jet Stream<sup>®</sup> ULTRA delivers excellent thermal properties for sidewalls. At a density of 1.8 pcf, Jet Stream ULTRA fills all the gaps and voids, resulting in much more effective temperature control in homes. Jet Stream ULTRA will provide R-values of R-15 in 2 x 4 construction and R-23 in 2 x 6 construction. Compare that to cellulose which can provide a maximum R-value of only R-13 in 2x4 construction.

**FOR ATTICS:** The excellent thermal efficiency of Jet Stream ULTRA allows for more square feet of coverage per pound. It achieves high thermal performance per inch without adding unnecessary weight to existing drywall or plaster ceilings. Best of all, Jet Stream ULTRA blows fast and clean, making it very easy on the installer. Compare that to the dust storm you get when installing cellulose!

**Never SETTLE For Less:** A third party 5-year settling study predicted settlement of glass mineral wool Blowing Insulation over a 20 year period would be 1.5% OR LESS! That means you can be assured that the stated R-value of Jet Stream ULTRA will be maintained over the life of the home. Compare that to cellulose which will settle by at least 10%! That's a lot of waste.

### Check out this side by side comparison of Jet Stream ULTRA vs. Cellulose (wet spray and netted).

Assumptions: Existing home with 2,115 square foot house (conditioned space), two story floor plan with 2 x 4 construction. Product comparison is based on GreenFiber product code INS735 and INS510, 30 lb bag.

Walls	Jet Stream Ultra (BIBS)	Wet Spray Cellulose	Netted Cellulose
Number of bags needed	29 bags (R15)	42 bags (R13)	54 bags (R13)
Estimated install time per bag	2 minutes per bag	2-3 minutes per bag	2 minutes per bag
Estimated time to complete	58 minutes	84-126 minutes	108 minutes
Estimated time to dry	Not required	Minimum of 24 hours	Not required

  

Attic	Jet Stream Ultra	Open Blow Cellulose
Number of bags needed	28 bags (R49)	76 bags (R49)
Estimated install time per bag	1 bag per minute	2.5 bags per minute
Estimated time to complete	28 minutes	30.4 minutes

  

Complete 2,115 sq ft house	Jet Stream Ultra (BIBS & Open Blow)	Wet Spray + Open Blow	Netted + Open Blow
Total number of bags needed	57 bags	118 bags	130 bags
Estimated total install time	86 minutes	115 - 156 minutes	138 minutes
Estimated total in-place cost <sup>1</sup>	\$1,842.00	\$1,911.00	\$2,086.00
Maximum R Value - Walls	R15	R13	R13
Water added to structure	None	24 gallons	None
Fire Retardant used	None - glass does not burn	Borate/Ammonium Sulfate	Borate/Ammonium Sulfate
Fire Retardant amount	None	530 pounds	583 pounds
Recycling Impact	Over 2,400 glass bottles saved from US landfills	490 Sunday newspapers	540 Sunday newspapers

### There is simply no comparison!

**Jet Stream Ultra achieves better thermal performance vs. cellulose; More R-value for the money!**  
**Jet Stream Ultra requires 56% fewer bags<sup>2</sup> of material vs. cellulose; Less handling, less space, less wear & tear**  
**Jet Stream Ultra requires 38% LESS time<sup>3</sup> to install vs. cellulose; Less installation time = fewer labor hours = better margins**  
**Jet Stream Ultra won't settle<sup>4</sup> like cellulose; No settling = consistent R-value for life of the home**  
**Jet Stream Ultra never creates a dust storm like cellulose; safer to work with because vision is never impaired**  
**Jet Stream Ultra adds ZERO moisture to wall cavities; No moisture = No worries and no drytime**

<sup>1</sup> Total in-place cost based on actual quoted price using 2,115 sq ft floor plan take-off. Insulation contractor based in Indianapolis, IN

<sup>2</sup> 51% fewer bags vs wet spray cellulose and 56% vs netted cellulose

<sup>3</sup> Reflects comparison to Netted Cellulose at 2 minutes per bag

<sup>4</sup> Based on a five year study entitled "Study of the Thickness Settling of Dry Applied Attic Open Blow Mineral Fiber Loose-fill Insulations in Site Built Test Homes", Fifth Year Report. February 2009. Report No. 3187\_02152009, NAHB Research Center, Inc.

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