



[www.insulateyourhome.com](http://www.insulateyourhome.com)

## TUFF-R™ AND SUPER TUFF-R™ ADD COMFORT AND SAVINGS UNDER YOUR SIDING

Make sure your next new construction or residing job not only looks good, but also provides comfort, value and energy efficiency when you include TUFF-R™ polyisocyanurate insulation or Super TUFF-R™ polyisocyanurate insulation.

These days, all homes need a solid, continuous, water resistant layer of insulation under the exterior finish. If you have insulation between the studs, the wood framing can represent 25 percent of the surface area of a home's walls – and act as a conduit for energy loss.

By adding TUFF-R™ or Super TUFF-R™ insulation to your walls, you can enjoy the value-added benefits of:

- Energy savings
- An effective air barrier to cover cracks in old siding and around windows and doors
- A temperature-stabilizing effect in the stud cavity – reducing the potential for moisture accumulating inside walls due to condensation

### CONSERVE ENERGY, COMBAT MOISTURE, DEFEAT AIR INFILTRATION

TUFF-R™ and Super TUFF-R™ are polyisocyanurate insulation products, consisting of a high-insulating-value, closed-cell foam core sandwiched between a choice of durable, exterior facers. With a long-term R-value<sup>1</sup> of 6.5 per inch, both TUFF-R™ and Super TUFF-R™ offer one of the highest insulation value of any foam sheathing – providing exceptional energy savings in residing applications.

Thanks to the superior insulating performance of TUFF-R™ and Super TUFF-R™, both products are also effective weapons in the battle against moisture.



**DOES YOUR HOME  
FEEL AS GOOD AS IT LOOKS?**

TUFF-R™ Reflective Faced Insulation and Super TUFF-R™ Durable Non-Reflective Faced Insulation can reduce water and water vapor intrusion from the outside. Both sheathing products warm the wall cavity, thereby reducing the potential for dew point condensation forming in the walls – a key moisture defense.

TUFF-R™ and Super TUFF-R™ also act as a component in a secondary drainage plane, allowing wind-driven rain (which can penetrate vinyl siding) to move quickly down the wall cavity and out the bottom of the wall – another valuable defense against moisture.

In addition, TUFF-R™ and Super TUFF-R™ help protect resided homes against air infiltration through walls, which is a bigger problem than most people realize. On a windy day, air infiltration can cause significant heat loss in a home. Using TUFF-R™ and Super TUFF-R™ in a residing application helps cover cracks in old siding and around windows and doors. Both types of sheathing cover the whole wall surface, not just the area between the studs, delivering air and water retarding properties for the walls of the home.



## INCREASE THE RESALE VALUE OF YOUR HOME

Energy savings aren't the only way to boost your bottom line. Adding TUFF-R™ or Super TUFF-R™ can add to the resale value of a home. Potentially, it could mean more money in the homeowner's pocket. Today's energy-conscious homebuyers are looking for efficiency more than ever before, and the trend is to spend more for a home that delivers energy savings year after year.

## EASE OF USE AND DURABILITY HELP YOU BUILD OR RESIDE WITH CONFIDENCE

TUFF-R™ and Super TUFF-R™ provide excellent leveling surfaces for siding jobs.

TUFF-R™ consists of one three-ply facer and one pure aluminum facer. Both facers are radiant barrier quality reflective foil. The result is a good value combination of handling ease and superior R-value – a product built to work hard on the job and deliver long-lasting satisfaction, year after year.



Where additional durability is required, Super TUFF-R™ is the product of choice, offering Super Tri-Plex facers (three-ply laminates of durable polyester, virgin kraft and reinforced aluminum foil). One side of Super TUFF-R™ is blue; the other side is reflective foil to provide radiant barrier qualities. Super TUFF-R™ can withstand abuse during handling and around the job-site. It offers the contractor or homeowner a good combination of stiffness, durability and handling ease.

**PUT TUFF-R™ AND SUPER TUFF-R™ TO WORK ON YOUR NEXT PROJECT.**

Call your Dow representative for more details.

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COMBUSTIBLE: Protect from high heat sources. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.

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FOR TECHNICAL INFORMATION: 1-866-583-BLUE (2583)

FOR SALES INFORMATION: 1-800-232-2436

THE DOW CHEMICAL COMPANY

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