



## Do-All-Ply® Sealant

R-Control® Do-All-Ply is a premium grade sealant for all types of R-Control and Foam-Control construction, both interior and exterior. It is used in the installation of R-Control SIPs (Structural Insulated Panels), Foam-Control Nailbase, and Foam-Control EPS with Perform Guard® EPS.

- Resistant to moisture, dampness, and temperature
- Retains its flexibility with age
- Unaffected by freeze-thaw cycles
- EPS foam compatible
- Water wash out resistant

### Application Instructions: R-Control SIPs

All surfaces should be clean and dry. Trim nozzle at 45° angle to make a 3/8" opening. Prior to pressurization, place cartridge in caulking gun and puncture seal inside spout.

Apply a continuous bead to all wood-to-wood connections such as splines and top and bottom plates. All wood-to-foam and foam-to-foam junctures are to receive a large bull bead of Do-All-Ply. Position prefitted R-Control SIPs and fasten top, bottom, and vertical edges on both the interior and exterior of the panels as shown in the R-Control SIP Construction Manual.

Consult the R-Control Construction Manual for proper location and application of Do-All-Ply.

## SIP ACCESSORY



## CONTROL, NOT COMPROMISE.®

**R-Control SIP Do-All-Ply Sealant is engineered and manufactured to give you control over your project installation.**

- Compatible with R-Control and Foam-Control Products
- Large tubes for maximum work output
- Guns easily, even at low temperature
- Applies on damp surfaces
- Spreads evenly with no rollup

## Application Instructions: Foam-Control EPS

If adhering directly to concrete/masonry walls, remove excess mortar and other high areas from wall surface. For 4'x8' Foam-Control EPS board size, apply Do-All-Ply around entire outer area (approximately 2" from edge), plus run a bead from top to bottom on left and right side, both about 18" in from edge. After placement of Foam-Control EPS, allow to cure for 48 hours before covering with other materials.

## Application Instructions: Foam-Control EPS with Perform Guard® in Heavy Termite Regions

For below grade applications, all surfaces must be clean, dry, free of dirt, oil, dust, and release agents. Remove excess mortar and irregularities from concrete/masonry wall. Apply continuous layer of Do-All-Ply with 1/4" V-notched trowel over the entire substrate or directly to Foam-Control EPS with Perform Guard board. Apply no more Do-All-Ply than can be bonded within 15 minutes. At all joints apply a continuous 3/8" diameter bead of Do-All-Ply. Ensure the joints between adjacent pieces of Foam-Control EPS with Perform Guard are tightly butted together. After placement of foam, allow Do-All-Ply to cure for 48 hours before covering with other materials. See Foam-Control EPS with Perform Guard installation instructions for complete details.

## Limitations & Clean-Up

When using Do-All-Ply in enclosed areas or where surface temperatures exceed 90° F prior to curing, it is recommended that the Do-All-Ply be "flashed" off (foams placed and pulled away and then reset) to prevent solvent and vapor build-up. Provide proper ventilation of all work areas.

Clean up excess product and tools with mineral spirits or any type of commercial paint thinner, following solvent manufacturers' precautions.

## Do-All-Ply Approximate Coverages

- 3/8" Beads from 28 oz. tube = 38 lineal feet
- 1/4" V-notched trowel = 50 sq. feet per gallon

## R-Control SIP Accessory Availability

Your nearest R-Control supplier will be happy to collaborate with you to determine your needs for R-Control SIP Accessories as part of your complete R-Control SIP package. For additional information on R-Control SIPs and to contact your nearest supplier visit our website at [www.r-control.com](http://www.r-control.com).



For further information about

R-Control SIPs

visit [www.achfoam.com](http://www.achfoam.com)



R-Control SIPs are made exclusively with Foam-Control EPS with Perform Guard and are manufactured by AFM Corporation licensees.

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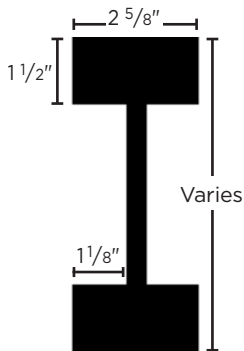


# SIP ENGINEERED SPLINES

## I-Beam Splines • Insulated I-Beam Splines

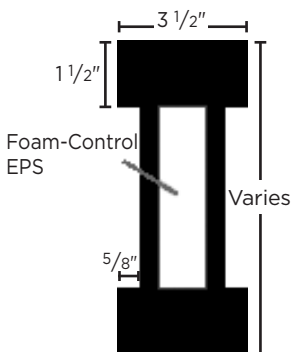
R-Control® I-Beams and Insulated I-Beams are engineered splining methods for long span R-Control SIPs. These engineered options are strong, economical, easy to apply, straight, environmentally sound, and provide positive attachment.

- Dependable dimensions and tolerances
- No warping, twisting, or crowns
- Ease of handling and fast field insertion, reducing labor
- Cost-effective
- Limited thermal break



**R-Control SIP I-Beam Spline**

The I-Beam spline is an integral panel beam and connection for flush framing design. The single OSB webbed I-Beam is available in depths of 7 1/4", 9 1/4", and 11 1/4".



**R-Control SIP Insulated I-Beam Spline**

The Insulated I-Beam Spline is used where an insulated profile or extra strength is needed. This double OSB webbed beam has Foam Control EPS between the webs. The beam is available in depths of 5 1/2", 7 1/4", 9 1/4", and 11 1/4".

## SIP ACCESSORY



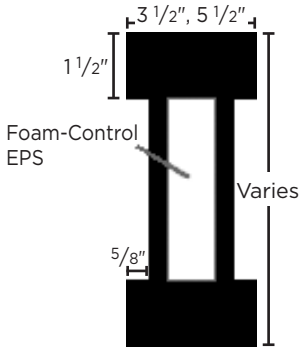
## CONTROL, NOT COMPROMISE.®

**R-Control SIP Engineered Splines are designed and manufactured to give you control over your project installation.**

- Long lengths for fast install
- Fits factory cut pockets
- Large top chord for nailing
- Straight and true for easy install
- Environmentally responsible, less old-growth timber

# Insulated Header Systems

R-Control SIPs can be used with Insulated Headers available from your R-Control SIP supplier. They ensure both insulation efficiency and proper load design over windows and doors in the R-Control SIP building system.



## R-Control Insulated Header

The R-Control Insulated Header pockets into standard R-Control SIPs. This double OSB webbed beam has Foam Control EPS between the webs. The header beam is available in depths of 9 1/4" and 11 1/4", or greater.

## Specifications

I-Beams Spline and Insulated I-Beams Spline as shown on plans and specifications will be engineered and factory made components supplied by an R-Control SIP supplier.

## Installation

Install engineered I-Beams Splines and Insulated I-Beams Splines per R-Control SIP recommended installation guidelines. Refer to R-Control Load Design Charts, Construction Manual, and Technical Bulletins showing proper design and applications.

## R-Control SIP Accessory Availability

Your nearest R-Control supplier will be happy to collaborate with you to determine your needs for R-Control SIP Accessories as part of your complete R-Control SIP package. For additional information on R-Control SIPs and to contact your nearest supplier visit our website at [www.r-control.com](http://www.r-control.com).



For further information about

R-Control SIPs

visit [www.achfoam.com](http://www.achfoam.com)



R-Control SIPs are made exclusively with Foam-Control EPS with Perform Guard and are manufactured by AFM Corporation licensees.

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