52,000 square feet of Foam-Control® 100 Flat Roof Insulation and Foam-Control® Composite Roof Insulation was installed in a re-roof project for Merit Gear in Antigo, Wisconsin.

Merit Gear
- Antigo, WI
- Summer 2008
- Foam-Control® 100 Flat Roof Insulation and Foam-Control® Composite Roof Insulation
- 52,000 Square Feet

Contractor
Jeff Traska
Traska Roofing

Summer 2008, construction of a re-roofing project for Merit Gear, a manufacturer of high quality, custom precision gearing and gearboxes in Antigo, Wisconsin began. The roof only required R-20 insulation because Merit Gear’s manufacturing process generates a fair amount of heat. As a result the owner opted for a lower R-value.

52,000 square feet of Foam-Control® roof insulation was used in the mechanically-fastened roof assembly. The roof assembly consisted of 3¼" Foam-Control® 100 on the metal deck, followed by 1½" Foam-Control® composite insulation, and a DuroLast PVC membrane on top.

Foam-Control® composite roof insulation is a high performance, light weight, and water resistant roof insulation that is factory laminated to a durable fiberglass facer to meet UL Class A requirements. To save money and installation time, Foam-Control® composite insulation was used to serve as a slip sheet and act as an approved separator to prevent deterioration of the plasticizers in the PVC membrane.

The contractor Jeff Traska of Traska Roofing, found Foam-Control® composite insulation easier to work with than polyisocyanurate, “laying down snap lines on a slip sheet is a pain. Because Foam-Control® composite insulation is an approved separator, we don’t have to mess with a slip sheet when positioning the membrane.” Using Foam-Control® composite roof insulation saved the project about $20,000 over polyisocyanurate (ISO).