



Engineered Snow Guard Systems

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Bent sheet metal and screws may be a low cost solution for Snow Guards, but would an engineer stamp it!

## Why Engineering is Vital

The idea that snow can cause serious accidents, even fatalities resulting from rooftop avalanches may not be everyday news however it does happen. Once the snow on a sloped roof has become wet and compacted that is when the real danger can occur. Wet compacted snow can weigh up to 20lbs per cubic foot or more! Providing a properly designed and engineered Snow Guard system provides peace of mind and safety.

### Can Snow Guards be Engineered?

A reputable snow retention manufacturer should have prudent test data with respect to holding strength to support their claims. Without prudent test data, engineered, job-specific design is impossible, and guesswork has no place in a life-safety application.

It is a simple matter of math to populate a tested product/system to the specifics of a project. The reason most systems are not engineered is that they are also not appropriately tested. Demand to see the job-specific calculations that prove the product/ system is adequate for the project at hand.

### HOW CAN WE HELP

Sky Products has designed and engineered over 280,000 feet of Snow Guards in Canada.

Sky Products can assist with load calculations, layouts, engineered stamping as well as powder coating services.

Sky Products is largest stocking distributor of S-5! Engineered Snow Guards in Canada

Contact us today to see how we can help!