

AGC Flat Glass Celebrates More than 20 Years with Super Spacer[®]

Located in Regina, Saskatchewan, the Alvin Hamilton Building contains 26,000 square feet of insulating glass constructed with Super Spacer[®] TriSeal.[™]



“Super Spacer[®] TriSeal[™] was a game-changer in the Canadian commercial market, providing the performance and structural strength necessary to stand up to our harsh winters. The third seal attracts architects and gives them the confidence to specify TriSeal in even their most complicated designs. Others have tried, but no one has matched TriSeal’s warm edge performance. It’s been a real differentiator for AGC in combination with our high-performance glass packages.”

— Chris Froh, AGC’s Operations Manager for the Canadian Region

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AGC Flat Glass operations manager, Chris Froh, and plant manager, Pat Stewart, collectively have more than 60 years of experience providing leading insulating glass to the Canadian residential and commercial markets. Both have seen the industry evolve over the years, demanding higher performance products that stand up to the sometimes brutal Canadian elements.

"We have done business in the commercial sector since the 1960s, and have always strived to stay ahead of the curve with thermal performance above industry standards," Froh

said. "That includes being a pioneer in offering warm edge technology to our customers."

AGC in Canada has been an Edgetech customer for more than 20 years, using Super Spacer® in both its residential and commercial IG.

"The cold winters in Canada demand better performing IG," Froh said. "Super Spacer's warm edge attributes are an excellent selling tool, and it provides us the flexibility to meet virtually any design requirement. If an architect can dream it, chances are we can make it."

On the commercial side, AGC quickly adopted Super Spacer TriSeal™ when it was first introduced. With its triple-seal design, including desiccated silicone foam, acrylic adhesive and multi-layer vapor barrier, TriSeal is flexible so that it allows for the natural expansion and contraction of insulating glass caused by temperature changes, barometric pressure changes, wind loads and snow loads – making it strong, durable and efficient.

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architects and gives them the confidence they need to specify TriSeal in even their most complicated designs."

Currently AGC runs Super Spacer lines at four locations throughout Canada, including a For.El. Super Spacer line with TriSeal capabilities.

"The automated equipment enables us to apply Super Spacer TriSeal on-line," said Pat Stewart, plant manager. "We are able to make up to 700 units in a shift and can ensure the highest quality and workmanship for our customers."

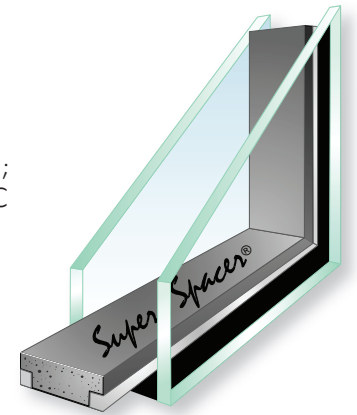
According to Stewart, AGC's investment in retooling its equipment is also a testament to its commitment to Super Spacer TriSeal and to Edgetech. "We've had an excellent partnership with Edgetech over the past 20-plus years. They've helped us gain an edge over the competition with a product that performs better than anything else out there in terms of efficiency and long-term durability."

Edgetech also works with AGC to provide marketing support and tools to help sell the benefits of Super Spacer. "The marketing support

isn't only presentations, brochures and sell sheets," Froh said. "Edgetech is out there educating architects and promoting warm edge to the industry. Our sales efforts are doubled with their help; and together we've gotten the industry to be a place in which warm edge is not just accepted, it's expected."

AGC creates custom-tailored IG units for the commercial market that incorporate various glass thicknesses, coatings, or tints to create buildings that are energy-efficient, wind-resistant, and beautiful. The company's Canadian locations include

Calgary, Alberta; Edmonton, Alberta; Regina, Saskatchewan; and Winnipeg, Manitoba. AGC also has numerous facilities throughout the United States. For more information, visit www.afg.com.



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>> A sampling of AGC Super Spacer® projects



The **University of Northern British Columbia** classrooms were built in the early 1990s using Super Spacer Premium Plus backed by 1/2 inch polysulfide, sputter-coated low-e and argon gas.

- **Building Name:** University of Northern British Columbia
- **City, Province:** Prince George, BC
- **Building's Use:** Classrooms
- **New Construction or Retrofit:** New Construction



Built in 1993, the Thunder Bay Airport in Ontario has endured the Canadian winters and no units have needed to be replaced.

- **Building Name:** Thunder Bay Airport
- **Building's Use:** Airport Terminal
- **Version of Super Spacer:** Super U™
- **Other Glass attributes:** Triple-pane, double Low-e with argon, thermally broken curtainwall.



Super Spacer® Premium Plus was used in the 21,000 square feet of glass in the C.I.C. Building, which is used as office space.

- **Building Name:** C.I.C. Building
- **City, Province:** Regina, Saskatchewan
- **Year Completed:** 2006
- **Other Glass attributes:** 6mm. Comfort T.I.R. #2 / 6mm. H/S Clear / 6mm. Comfort T.I.R. #5



Built in 2008, the 3rd Avenue office building in Saskatoon contains 9,000 square feet of glass.

- **Building Name:** 3rd Avenue Office Building
- **Version of Super Spacer:** Premium Plus
- **Other Glass attributes:** 6mm. H/S Planibel Dark Blue/ 6mm. H/S Clear / 6mm. Comfort AC40#3. Also, some with a 60% dot pattern ceramic frit.



121 Research Drive at the University of Saskatchewan in Saskatoon was built in 2006 and is used as a testing and research facility.

- **Building Name:** 121 Research Dr. U of Sask.
- **Square Feet of Glass:** 20,000
- **Version of Super Spacer:** Premium Plus
- **Other Glass attributes:** Dual-pane, 6mm. H/S Azuria (exterior lite) / 6mm. Comfort T.I.R.#3 (interior lite).