



CONTACT: Brandner Communications, Inc.
TGP Editor's Desk
(253) 661-7333
tgppr@brandner.com

SEND READER SERVICE INQUIRIES TO:
Technical Glass Products
33650 6th Ave. S, Ste. 102
Federal Way, WA 98003-6754
(888) 397-FIRE (3473)



NARROW-PROFILE STEEL CURTAINWALL SYSTEM ALLOWS FOR LARGER EXPANSES OF EXPOSED GLASS

Steel Curtainwall System from TGP Is Stronger and Slimmer than Aluminum

KIRKLAND, Wash. – Architects and designers now have a better way to incorporate large expanses of glass in building designs. Used for wall facades and roofs, the steel curtainwall system from Technical Glass Products (TGP) is strong and slim, allowing larger spans of glazing than traditional aluminum framing. The result is greater expanses of exposed glass and increased ability to bring natural light indoors.

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The high strength of the European-designed steel curtainwall system means that a narrower frame profile can be used than with aluminum framing. The steel framing members have substantially lower deflection than aluminum, providing three times the wind load capacity. In addition, the lower thermal expansion of steel allows greater design flexibility with fewer or no extension profiles.

The steel curtainwall system uses a “plug and screw” connection system for the framing components, which provides for crisp corner joints without a visible weld bead. The system is watertight and the low heat transfer coefficient of steel helps ensure less interior condensation (sweating) on frames.

“European architects and designers have used steel curtainwall for years,” says Jeff Razwick, director of business development for TGP. “It has allowed them to create some very captivating glass designs, including large curved or straight walls, atriums, domes and vaulted ceilings, all with slender-looking framing.”

The steel curtainwall system is distributed in the United States and Canada by TGP and is part of a range of steel framing solutions, including both fire-rated and non-fire-rated systems.

About Technical Glass Products

Technical Glass Products (TGP) is your one source for fire-rated glass and framing systems, along with specialty architectural glass products. The company offers AIA accredited continuing education, project consultation, product specifications, CAD drawings and rapid-response quoting. For more information about TGP’s products and services, call (800) 426-0279 or visit www.fireglass.com (fire-rated glass) or www.tgpamerica.com (architectural glass).