VEKA Inc. is the North American division of VEKA AG one of the world's largest extruder of vinyl lineals for the residential and commercial window and door industry. In addition we extrude fence, deck and handrail extrusions for fabricators and builders in the outdoor living products sector. VEKA employs more than 3,000 skilled personnel serving customers globally from 25 plants worldwide, with over 40 years of leadership in helping fabricators deploy technologically advanced materials for residential and commercial building applications.

Commercial Window Case Study

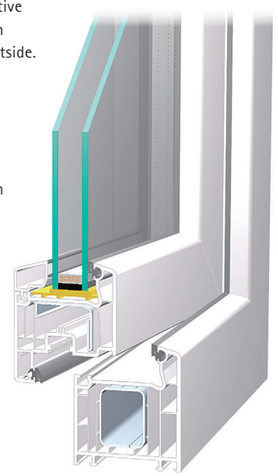
VEKA EUROVIEW PV1 and FD11 SYSTEM:

The systems that was chosen for use in VEKA Headquarters Building were the PV1W and the FD11. The system has a 70mm (2-3/4") frame depth. Its thermal properties are achieved by a 5-chamber air-pocket system in all frame and sashes. Frame and sash profiles are all steel reinforced, to provide the structural strength, and decrease the thermal expansion factors, inherent in PVC systems.

Slightly rounded edges give the classical design to the Euroview System.

High Thermal Insulation Values up to Uw=1,0 W/m2K (U-Value 0.176 BTU/H*ft2*F, R-Value 5.7) are achievable (depending on glazing) and reduce heating costs noticeably.

High-quality gaskets are standard in an attractive grey and comprise a system of dual compression seals that keeps the cold, draft and moisture outside.



Galvanized Steel Reinforcing used according to VEKA fabrication requirements, supports the structural integrity and operational reliability.

Five Chamber Profile with a basic overall depth of 70 mm (2-3/4"): is an ideal use of dead air's natural insulating characteristics.

Save Energy and Reduce Costs

Because of multi-chamber technology, VEKA profiles have an enormously low heat transmission value. This reduces your energy use as well as heating and cooling costs.

Feel Comfortable

The excellent insulation performance of VEKA profiles and reliable weather sealsguarantee a difference in overall room temperature providing comfort throughout the conditioned space.

Optimal Noise Insulation

Noise exposure affects comfort and can impact your health. Even the basic window produced with VEKA Profiles protects against sound transmission. Windows with VEKA profiles can be fabricated to the highest possible level of sound transmission control.

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VEKA Inc., North American Headquarters

The Design/Build project scope involved the site preparation and new construction of a two-story office and administration building attached to a 100,000 sq. ft. extrusion facility and warehouse. The office building has a dryvit exterior and a membrane roof while the warehouse/extrusion structure is concrete block construction.

Two years later expanded business necessitated additional warehouse space an insulated metal building. By 1995, a second two story office building capable of expanding to 4 stories was seamlessly added to the existing structure. Another warehouse addition also an insulated metal building was made in 2003 bringing the total to 600,000 sq. ft. under roof.

Case Study

VEKA's own vinyl windows were installed in this Phase 1 construction and are still performing well after 25 years of service .

Technical Specifications

	PHASE I	PHASE II	PHASE III
Application:	VEKA Inc., Headquarters	VEKA Inc., Headquarters	VEKA Inc., Headquarters
Location:	Fombell, PA	Fombell, PA	Fombell, PA
Date:	1987	1995	2005
Material:	PVC - Vinyl	PVC - Vinyl	PVC - Vinyl
Units:	Fixed and awning windows	Fixed and dual action windows swing doors	Fixed and dual action windows,
Glazing:	Cardinal LowE 3, 1" IG mirror finish	Cardinal LowE 3, 1" IG with grey tint	Cardinal LowE 3, 1" IG tinted
Dimensions:	227 Fixed Windows 43" x 77" 36 Fixed Windows 8 awnings	158 Fixed Windows 43" x 77" 4 Tilt/Turns 34-1/2" x 77"	Fixed and operable windows and doors in a conservatory

TRACON Construction was the general contractor for phase one of the VEKA headquarters project. The project required site preparation and construction of an extrusion floor/warehousing facility as well as a two story corporate and administrative office building. This original construction involved the installation of approximately 200 fixed and operable vinyl window systems.

TRACON
Bob Honer & Company

KACIN, Inc. was a general contractor that VEKA used in subsequent construction phases utilizing the design/build approach of coordinating the activities of architects and sub-contractors. This management style eliminates many headaches that clients traditionally encounter during construction, minimizes costs and allows jobs to be completed on-time and on-budget.

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KACIN
GENERAL CONTRACTORS

The original 1987 window installation on the left was matched in style and performance by the 1995 building addition on the right.

This 1995 addition uses VEKA's PVC windows to provide superior energy efficiency, UV reflectance and sound transmission control.

Constructed in 2005, this aluminum and steel reinforced PVC conservatory encloses a former parking area and is now a showroom space.

Constructed in 1994, VEKA West in Reno, Nevada was built to supply the western states with the same high quality profiles available in the east. This building also serves as a natural test facility for our vinyl extrusions in a high altitude, high temperature, low humidity environment .

Built in 2006, VEKA South near Dallas, Texas serves as a natural test facility for our vinyl extrusions in a high temperature, high humidity environment .