

FROM OUR BEGINNINGS IN 1967



VEKA was an early pioneer of the PVC window industry. Beginning in 1967 and purchased by Heinrich Laumann in 1969, the company saw the potential for these vinyl products in the European market. In 1983, VEKA established manufacturing operations in the United States and developed profiles expressly for the North American market. By 1997, the sale of vinyl windows outpaced the sales of

wood windows in the residential market. Again, VEKA played a major role in the acceptance by the American consumer of PVC residential window products.

In early 2000, VEKA's vision expanded to different markets. Vinyl fence and rail had already grabbed a foothold in US markets and VEKA capitalized on it's growth, while introducing a deck product

that no one had seen the likes of before. VEKAdeck™ was introduced as the first cellular PVC deck board and created a whole new category for the enhanced outdoor living product markets.

VEKA's vision for the future is one full of ambition and in some ways destiny. Helmrich Laumann has watched VEKA grow into one of the world's largest extruders of PVC profiles for the past 40 years.

With new products and markets being discovered every day, who knows what the future holds. One thing is certain, VEKA will continue to offer quality products and services to our customers and through dedication, always offer a Solution.

ENVIRONMENTALLY CONSCIOUS Let's Talk Green

VEKA is a German based, privately held multi-national corporation with 25 extrusion facilities in 20 countries. As such we have greater control over our business operations and the corporate culture, which is to think globally and act locally. To that end we are careful to mind not only the profitability of the business but to act as a responsible member of the communities in which we live and operate. We have found that economic health and environmental/social concerns are not mutually exclusive

VEKA has created the dedicated position of Safety & Environmental Manager, with the responsibility to constantly review our operations for safety concerns and process efficiency.

We have found that improved safety, productivity and resource use can and does reduce overall operating costs, while minimizing strain on local infrastructure and ecosystem.

VEKA
recycles
some in
house
vinyl scrap
into noncritical PVC
shapes such

as our bundle box packaging for smaller shapes. The remainder is sold to a third party for reuse in other vinyl applications.

"VEKA has focused on efficiently producing high quality vinyl profiles, while minding our responsibility to the local community as an accountable steward toward the environment."

OUR SHAPES, YOUR SOLUTION

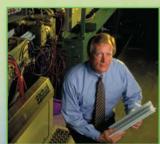
Our Shapes, Your Solution is VEKA's commitment to providing the best possible products and services to our customers. "Our Shapes" represents a vast array of PVC window, door, fence, deck and rail profiles that are available as the solution to your



business needs, the demands of individual markets differ from region to region and VEKA has met these challenges through a combination of design flexibility and superior material formulations and high production standards. Whether your needs are residential, new construction or replacement windows, commercial windows, cellular PVC decking or fence and rail products, VEKA has the right shape to suit your market.

"Your Solution" represents unparalleled service and commitment to addressing your needs. Engineering support, sales and marketing tools, customer call center, logistics, inventory control, technical account managers, field technicians, in-house testing, VEKA's support services are endless. We're not just an extruder of PVC profiles; we have a Solution for all of your business needs.

The Key to Success



It is possible to produce more with less. It is also possible to provide superior products and top-notch customer support at affordable prices. VEKA uses vertical integration and Compute Integrated Manufacturing (CIM) to help accomplish this.

operations is networked through an extensive array of computer systems. Micro ingredients added to virgin PVC are weighed to within one/100th of a pound to ensure consistency batch after batch. Blending hoppers are monitored for compound consistency and temperature variations that may affect the final product. Computers control the delivery of the compound to the extrusion lines and constantly check and recheck the operation of the automated delivery system.

Twin-screw extrusion lines are utilized throughout the production floor because of their speed and reliability. Controlled and maintained through advanced computer technology, these extrusion lines maximize output and reduce the man hours required for changeover.



Production histories combined with Statistical Process Control (SPC) ensure maximum efficiency, minimum downtime, and the highest quality in each lineal. But it takes more than machines and computers to drive a company, it takes skilled craftsmen and detail oriented technicians to operate, maintain, and carry out this advanced technology. Few companies can match the level of experience employed at VEKA, and fewer companies have the history to prove it.

VEKA's greatest resource is its work force.

FROM COMPOUNDING TO SHIPMENT

Quality Every Step of the Way



The final product of any manufacturing scheme is only as good as its raw materials. This is why every ingredient in VEKA's compound formulations are checked and rechecked by our staff of chemists for purity and consistency.

Each mixture or compounded batch is then sampled to guarantee proper

After heating and extruding, further quality tests are implemented. Using optical comparators and digital calibrators, profile dimensions are checked against preset design tolerances, alleviating fabrication difficulties or possible errors that may occur during production. The result is a lineal that is easy to fabricate and consistent in shape, color, and integrity.

If a product cannot be shipped to the customer cost-effectively then the quality of the product matters little. That is why adequate quantities of most VEKA profiles are stocked in temperature controlled warehouses. This minimizes the time and space required to store and

trucks. The majority of customer orders can be completed from these stocks and shipped in a timely manner. This also allows for easy inspection and use when delivered.



Electronic bar coding adds efficiency to shipping and warehousing while providing detailed information to

The Case for PVC

LOW MAINTENANCE, ENERGY EFFICIENT VINYL

Vinyl is the world's most versatile plastic. Because PVC resin can be combined with many additives and modifiers, vinyi can meet the requirements for products in many industries. Vinyl is chosen over other materials because of its low cost, versatility and performance properties. Vinyl is strong, durable, abrasion and moisture resistant; withstands rust and corrosion; is electrically non-conductive and has excellent fire performance properties. Because it has been used for more than a half century, it is one of the world's most analyzed and tested materials. Formulast Technology is VEKA's method of formulating and extruding our various vinyl compounds for specific applications. Utilizing the latest computer technology and detailed dimensional drawings, VEKA engineers are able to produce new and innovative products to satisfy the building needs in any geographic region from this amazing material.

Vinyl products with Formulast technology have a very

- 1. VEKA vinvl conserves forests: Made from relatively inexpensive PVC means that VEKA vinyl products save our precious forest resources.
- 2. VEKA vinyl conserves resources: Vinyl fence and deck board has a life cycle of 20 years vs. wood 7-10 years and will outlast 2 or 3 conventional installations.
- 3. VEKA vinyl saves oil or gas: Polyvinyl chloride is a plastic with the lowest petroleum content about 43% the remainder is chlorine a common, inexpensive naturally occurring element.
- 4. VEKA vinyl protects the air and soil: PVC never needs to be stained, painted, UV treated or water sealed. This not only saves time and money (estimated \$152 per year for a 10' x 20' wood deck) but also keeps potentially harmful fumes and chemicals from being introduced into the air and soil.



HIGH PERFORMANCE WINDOWS AND DOORS

Tested & Certified







VEKA has numerous window systems that can easily fit into any cost structure and construction scheme. Our platform or shelf systems consist of new construction or replacement, interior or exterior glazed, patio doors and specialty windows; all are part of the VEKA product line. Systems designed for mulling or bending, and an array of auxiliary profiles for easy installation and enhanced appearance are all available. These core products are immediately available and enable the customer to begin fabrication with a minimum investment of time and equipment cost.

For customers who want their own proprietary product line, VEKA's engineering staff is the logical choice. Experienced, detailed, and market ready, VEKA engineering has a history of on-time development with quality systems.

Engineering, working closely with VEKA customers create window systems that meet specific sales and market demands. Combining customer needs with extrusion design criteria, VEKA engineering is able to produce new and innovative systems that

satisfy the fenestration requirements in any geographical region.

After the design stage, prototypes are made to test the manufacturing capabilities of the system. Computer generated imaging are generated from the two dimensional drawings. These mock-ups ensure that the window will perform properly throughout the fabrication process. These finished three-dimensional prototypes also aid in verifying the aesthetics of the design.

When the design is complete and accepted, all the drawings are downloaded to the specific computer aided manufacturing (CAM) equipment to begin die production. It is this integrated network that brings initial designs into full production in a shortest possible time frame.



The SwingView™ Classic, our mechanical built

door, was developed in response to fabricator and

customer requests for a more conventional looking

door. With wider kick and head rails plus 90° joints, the SwingView™ Classic replicates the proportions of a more traditionally styled entry door.



The SlideView[™] patio door is the high performance solution for coastal applications where a DP 50 rating is required. Thick walled, all welded vinyl frame and sash combined with a 1" glass package and 12 gauge steel reinforcing achieves the best ratings for the

stringent codes that are being enforced for coastal regions. This door ships KD, complete with all hardware ready for an elegant and efficient glass package.

Options for all SlideView[™] doors include white or beige vinyl, sliding screens, white, beige or brass hardware, and various glass packages. There is no reason to look any further than the SlideView[™] all vinyl sliding doors by VEKA.









The All Vinyl Wood Window

MADE WITH TIMBERVIEW" TECHNOLOGY

Imagine your product offerings energized...differentiated with a patented product. Contemplate a unique system with the "curb appeal" of true wood designs... but made with rigid welded frames and sashes. Now consider the selling power that only a richly stained or painted real wood interior can offer. You are envisioning TimberViewTM, the innovative window system that is designed to be different.

The TimberViewTM patented window system couples the interior warmth of real wood windows with the exterior low maintenance advantage found in all welded vinyl systems. Distinctive features such as rigid vinyl simulated divided lights, snap in grids and custom hardware further enhance this program.

Add VEKA's years of product development plus marketing knowledge to your own fabrication and customer service experience, then just think of how different your program can be. And remember...differentiation commands margin. So, look at the TimberView™ program... recognize how patent protection can preserve your investment.

TimberView™ ...different...period

Every SwingView Entry Door is fabricated from the highest quality PVC available. Our compound was formulated in Europe over 35 years ago and is one of the most widely utilized and tested materials for window and door fabrication today. The SwingView all welded entry door is fabricated from reinforced vinyl lineals that are fusion welded to create a door panel that will not rack and is air and watertight.

Because the color of solid vinyl is throughout the material, any surface scratches will barely be noticeable. All SwingView™ doors supplied and built by VEKA, ship with corrosion resistant key operated brass hardware, multi-point locking mechanism and 3-way adjustable hinges. Complete installation instructions are supplied to ensure a secure and proper field alignment of the finished entry door.

EUROVIEW COMMERCIAL GRADE PRODUCTS Storefronts and Schools

New construction: Atlanta, Georgia

With numerous coordinated innovations, VEKA has created a completely new generation of windows and doors – developed for the new requirements in thermal, acoustic and safety performance. Through these unique design features, VEKA achieves true advantages in quality, long life, comfort and energy savings. These solidly built, fully welded operating units can be opened to provide ventilation when the weather permits, thereby saving energy and cooling costs.



Since these are ventilating units, the HVAC system is no longer the only means of providing air exchange, thereby creating a healthier indoor environment. The VEKA EuroView System has a classical design that is typified by slightly rounded edges, therefore the EuroView system's design is timeless and fits perfectly into a wide range architectural styles - whether modern or traditional; new construction or remodeling; commercial or residential application.



Furthermore, the technology inside the profile is superior. The multi-chambered profiles use the insulating property of dead air space to satisfy the highest requirements for thermal insulation. This not only means a comfortable indoor climate regardless of the outside weather but also helps to noticeably reduce winter heating costs and sound transmission.

COMPLETE BACKYARD SOLUTIONS Vinyl Fence, Deck & Rail





Co-extrusion manufacturing is used to make our vinyl fence and rail products. After the proprietary compounds are blended by combining performance additives with vinyl resin, the product is extruded through die sets to form various fence and rail shapes. In our co-extrusion process, the UV inhibitors and other modifiers for weather ability are concentrated in an outer layer while stabilizers and impact modifiers for durability and strength are put in the inner core of the product. The advantage of co-extrusion is that each ply of the laminate imparts a desired characteristic property, which would be impossible to attain with a mono-extruded material. Since the vinyl compound passes through the die under heat and pressure the layers are fused and are impossible to separate mechanically.





Batch after batch, VEKA profiles will adhere to the strict standards ASTM F-964 and D-1784, which assure proper tensile strength, impact resistance, heat distortion, expansion/contraction, flexural modulus flattening, capstock thickness and weather ability.

The result of over 40 years of vinyl compounding and extrusion experience in worldwide markets means that, VEKA extrusions will outperform many other materials throughout the product's life cycle. The unmatched quality assurance allows VEKA to offer one of the best warranties in the business.

VEKACECK PRO

THE ORIGINAL PVC DECK BOARD JUST GOT BETTER

It's Not A Composite!

Recognizing the limitations of composites, VEKA pioneered a new category of deck material in 1999. Typically composites are formed using recycled polyethylene plastics and cellulose (woo or other organic fiber).

VEKAdeck™ PRO is our second-generation professional deck board. VEKAdeck™ PRO is a superior alternative to wood and wood fiber/plastic composite decking materials. VEKAdeck™ PRO's cellular PVC extrusion process gives it dimensional stability and superior impact resistance.

Our patent pending PVC formulation is lighter than wood or composite materials but is highly impact resistant. VEKAdeck™ PRO works similar to other decking products, requiring no special tools or fasteners. VEKAdeck PRO™ provides a high return on your investment. Performance characteristics such as long life, high durability and extremely low maintenance are key to getting the most out of your outdoor living space.

VEKAdeck™ PRO is environmentally friendly, and is ideal for residential and commercial deck or dock applications.

CUSTOMER RELATIONS IS KEY Providing Solutions

Business begins with a phone call – the simple process of placing an order for extrusions. VEKA utilizes sophisticated order entry systems to coordinate the production of hundreds of shapes, to ensure a timely delivery to the customer.

Once an order is placed the information is entered into an integrated database that links order entry, production, warehouse, and shipping. It is then electronically tracked through this intricate network and orders are expedited to meet the customer's production schedule.

VEKA is dedicated to fielding the finest customer support staff in the industry. Development of the existing customer base is VEKA's first priority. If customers need assistance with any aspect of the VEKA lineal production program, a staff of skilled representatives is available to serve. The Customer Call Center was created to coordinate timely solutions for fabrication issues. This customer "hotline" offers toll-free technical support within twenty-four hours.

Each VEKA customer is assigned to one of our sales representatives. The sales department is staffed by qualified individuals with years of domestic and international experience. Located throughout North America, sales representatives are situated close to their customers to provide ongoing support.

Years of combined technical and administrative training enable this staff of professionals to provide the added support necessary to compete in a highly demanding manufacturing environment.

"Thank You for Calling VEKA, May I Help You?"

MARKETING & TECHNICAL SUPPORT

Second to None



VEKA's marketing department functions as an advertising agency for its own customer base. It is fully equipped with the latest desktop publishing, video production, and offset printing systems used to produce a wide range of quality support materials including custom literature, multimedia presentations, web site development, 3D renderings, tradeshow graphics and much more.

VEKA's award winning marketing department assists customers in the most cost-effective way to help you promote your business and products in each of your individual markets.

At VEKA, we realize how critical any downtime in production can be. That's why VEKA assigns field service technicians to each account. These dedicated specialists have years of window fabrication knowledge and possess the skills required to resolve fabrication issues guickly and effectively.





VEKA works closely with your production crew to maximize fabrication efficiency and maintain optimal throughput. Attentive, personal and dedicated VEKA field service technicians can help a customer with equipment and window system updates or changeovers.

They also act as a direct liaison between the fabricator production staff and VEKA production personnel.

Marketing support, field support, technical assistance, all part of the Solution that you need and that VEKA offers.

SUPERIOR ENGINEERING

Concept to CAD, to Creation



The engineering department works closely with VEKA customers to create window systems that rneet specific market demands. VEKA engineers are able to produce new and innovative systems that satisfy the building needs in any geographical region to fit customer needs.

Utilizing sophisticated computer technology, detailed dimensional drawings of either a proposed VEKA system or a proprietary system are created. Customers working closely with the design team can refine these concepts to a final form that will satisfy the fabricator's sales and production staff. Then, prototypes are made to test the manufacturing capabilities of the design. Computer generated imaging samples in 3D are created; these mockups ensure that the window will perform properly throughout the fabrication and also verify the aesthetics of the system.

When the design is completed and accepted, drawings are downloaded to the computer aided manufacturing (CAM) equipment to begin die production. It is this integrated network that brings initial designs into full production in a short time frame.

We have designed a multitude of window systems that can fit into any construction scheme. New construction or replacement, interior or exterior glazed, patio doors or specialty windows; all are part of the VEKA product line. Systems designed for mulling or bending, and a multitude of auxiliary profiles for easy installation and enhanced appearance are all available.

"For customers who want their own proprietary product line, VEKA's engineering staff is the logical choice. Experienced, detailed, and market ready, VEKA engineering has a history of on- time development with quality systems."

TOOL & DIE SERVICES

High Technology

VEKA Tool & Die, its own entity within the organization in the United States, boasts the largest, most advanced capabilities in the window and door industry today. VEKA Tool & Die currently is manufacturing roughly 100 tools annually.

Wire EDM machines are the backbone of our Tool & Die Department along with a highly skilled team of specialists that solely concentrate on producing some of the best extrusion dies available today.

Once an extrusion tool goes online, technicians fine-tune the die for optimum performance during the start-up phase.

Once the tool has completed its scheduled run, all dies are pulled off-line, cleaned and checked for any wear that can occur during extrusion. If no problems are found the tool is placed into our storage facility where it will sit until it's next scheduled production run. If problems are found, it is immediately transferred to die repair to be restored to its proper running condition.

FROM COMPOUNDING TO SHIPMENT

Quality Every Step of the Way



The final product of any manufacturing scheme is only as good as its raw materials. This is why every ingredient in VEKA's compound formulations are checked and rechecked by our staff of chemists for purity and consistency.

Each mixture or compounded batch is then sampled to guarantee proper blending. Stringent preliminary controls ensure that these raw ingredients meet VEKA's strict in-house standards.

After heating and extruding, further quality tests are implemented. Using optical comparators and digital calibrators, profile dimensions are checked against preset design tolerances, alleviating fabrication difficulties or possible errors that may occur during production. The result is a lineal that is easy to fabricate and consistent in shape, color, and integrity.

If a product cannot be shipped to the customer cost-effectively then the quality of the product matters little. That is why adequate quantities of most VEKA profiles are stocked in temperature controlled warehouses. This minimizes the time and space required to store and inventory VEKA profiles at the fabricator's plant and shortens the time to unload





Electronic bar coding adds efficiency to shipping and warehousing while providing detailed information to customers on VEKA inventory. Automated handling and stacking systems speed the shipment to one of many loading docks.





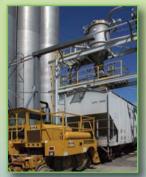


The aim of the entire extrusion

compound through heat in the

process is to convert the powdered

extruder to plasticized vinyl, shape









CERTIFIED PRODUCTS YOU CAN COUNT ON Integrity That You Expect

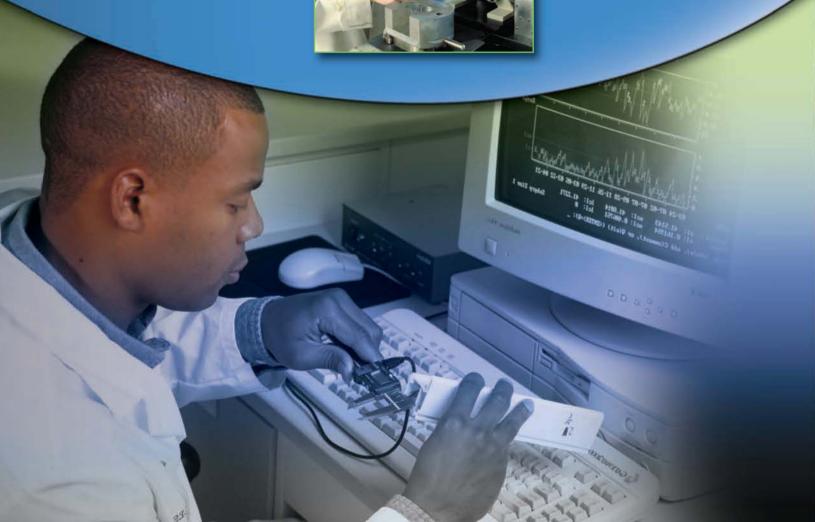
VEKA's fully equipped fabrication facility builds prototypes to a client's specifications prior to testing. The fabrication department uses the same equipment and techniques found in a typical fabrication plant. This insures that the window is built to the specific criteria, as the fabricator would build to in his own facility.

NFRC Computer simulations can be performed in VEKA's Research & Development Department. These tests are conducted at VEKA after physical testing and simulations are verified by the NFRC. greatly streamlining the process of obtaining NFRC certification.

Modern, energy efficient fenestration products require extensive testing and various certification requirements before they reach the customer.

VEKA's in-house test facilities can simulate wind, water and structural loads to obtain the best ratings possible.

An extensive database of present and past testing on VEKA window systems is available to our fabricators for use in marketing and sales publications.



COMMITTED TO SERVE ALL CUSTOMER NEEDS

Worldwide Technology Exchange



Built in 1987, VEKA Inc., was heralded as the first state-of-the-art computer controlled extrusion plant in the country. Designed to be expanded in four phases. the facility now is just over 600,000 square feet.

Window and door profiles are the backbone of VEKA's extruded products while commercial windows along with fence, deck and rail products help VEKA maintain it's future in new markets



Opening it's doors in 1995, VEKA West solidified VEKA's presence in North America as a giant in the window and door extrusion industry. A booming new construction housing market on the West coast helped VEKA West grow into over 200,000 square feet of extruders and warehousing under one roof. VEKA West also allowed us to move into the expanding Western Canadian market.



VEKA South, opened in May of 2006 and was our solution to the logistical problems that we faced shipping material into the South and Mexico.

With just over 100,000 square feet of space, VEKA South is poised for future growth as product demand increases throughout the southern most markets including the Caribbean. VEKA South also houses some of the most advanced extrusion equipment available today.

VEKA CANADA

VEKA WEST

VEKA INNOVATIONS

VEKA SOUTH

VEKA LATINA



A Tribute To Quality Products

VEKA has been leading the fenestration industry for 40 years, producing quality PVC lineals and pioneering integrated systems of material compounding, extrusion, engineering and supply chain. Foresight, innovation and dedication have created a team that consistently meets new challenges and elevates our industry to new standards. From the moment raw materials arrive at the plant to the time finished lineals are shipped to the customer, VEKA's focus is on quality production, customer satisfaction and environmental protection.

VEKA's worldwide network is a tribute to the acceptance of VEKA's high quality vinyl products. An aggressive plan to be the major force in all principal window, door, fence, deck and rail markets has created an impressive record of accomplishments.

Market demands differ from region to region. VEKA has been able to meet these demands through a unique combination of design flexibility, superior materials, and high production standards.





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