

VEKAdeck^{Pro}

ADVANCED CELLULAR PVC TECHNOLOGY



Part of the VEKA Outdoor Living Family

Ultra-Low Maintenance

Homeowners, architects and builders have all sought an attractive, high performance, ultra-low maintenance deck product. Many thought they had the answer with the advent of composite decking products that have appeared over the past decade. However during this time, many of the shortcomings of composites became readily apparent, lack of color retention, staining, and even deterioration in some cases.

Recognizing these limitations, VEKA pioneered a new category of deck board that is not a composite. Typically composites are formed using recycled polyethylene plastics and cellulose (wood or other organic fiber). VEKAdeck™ PRO is a 100% cellular reinforced PVC deck board. Since PVC is nonabsorbent and VEKAdeck™ PRO contains no wood fillers, it will not mold, mildew, or degrade and has much better color retention than composites.

VEKA created the ultra-low maintenance deck category, and has been a leader in the "outdoor living products" arena since we launched the product in the year 2000. Since then, there have been many followers that have gone through various releases of deck products. Some market new formulations every couple of years and give it a new name. But VEKAdeck™ retains the same superior formulation as the first day it was launched.

VEKAdeck™ Pro
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Simulated weathering over several seasons.

Since VEKAdeck™ PRO is made from 100% PVC and color stabilizers, this premium deck board is fade resistant under normal weathering. Gradual, uniform color change may occur and is normal, but VEKAdeck™ PRO will maintain its attractive appearance season after season. Please see the VEKAdeck™ PRO Warranty for coverage and descriptions.

Due to variations in the printing process colors shown may be different from actual product.

Engineered & Evaluated

An attractive embossed woodgrain pattern creates a non-skid surface.

The outer cap stock contains micro-ingredients for improved weatherability.

Impact modifiers combined with a cellular core honeycomb structure adds to the strength while keeping the weight of the board down.

A slight crown and radius edges promote water runoff.

Not only did we analyze the deficiencies in other products, we sought to build in enhancements to further add to the value and performance. Our vinyl compound consists of 100% pure PVC as well as micro ingredients that improve the characteristics of color retention and the weatherability of the vinyl formulation.

In our co-extrusion process, the performance modifiers are concentrated in an outer layer while stabilizers and impact modifiers for durability and strength are blended into the inner core of the product. In co-extrusion, each ply of the laminate imparts a desired characteristic that is not attainable with a mono-extruded material. Since the extruded board passes through the die under heat and pressure the layers are fused together. Our cellular process creates a microscopic honeycomb structure throughout the substrate that keeps weight down while adding to the workability of the finished board. VEKAdeck™ PRO is designed to have a slight crown and attractive radius edges ensuring proper water runoff. An in-line process embosses an attractive wood grain texture and impregnates a dull non-slip finish to the raised areas. The result is a surface that is skid resistant, wet or dry.

At VEKA, we continue to work towards maintaining our leading edge in supplying the quality products you have come to expect. To this end VEKAdeck™ has been tested by the ICC Evaluation Service for structural properties, durability and surface burning characteristics, and has been shown to be a superior decking surface when installed in accordance with local building codes.



Solid PVC VEKAdeck™ PRO has been tested by an independent lab and has proven to outperform the composites in this pressure evaluation.



CCRR-0137
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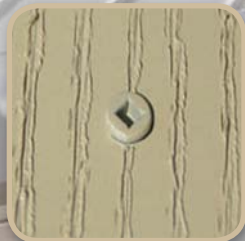
Installation & Maintenance



Cellular VEKAdeck™PRO is light and easy to handle. VEKAdeck™PRO and matching fascia can be cut, sawed, nailed or screwed requiring no pre-drilling, simply use a screw gun as you normally would and notice that the screws self counter-sink and the board will not mushroom or split. For the cleanest look possible VEKAdeck™PRO may be installed using a number of the blind fastening systems available.

It doesn't take much to keep your new VEKAdeck™PRO installation looking good. In fact VEKAdeck™PRO is much more forgiving than other options, whether wood or composite.

Generally, all that is required is periodic cleaning with ordinary non-abrasive household cleaners and a cloth or stiff bristle brush. Standing water should be removed to prevent dirt build-up. A seasonal pressure wash may be required in some cases. Since PVC is non-absorbent, it is stain resistant and does not require painting, staining, UV treatment or water sealing.



(left) #8 x 2-1/2" color matched stainless steel screws create a near inconspicuous look to the deck surface.
(center) Salad dressing stains the wood and composite boards within a few minutes but not VEKAdeck™PRO.
(right) Our 100% vinyl compound is resistant to ultra-violet, chlorine, salt spray and humidity making VEKAdeck™PRO an ideal material for swimming pool decks, docks, piers and other marine applications.



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Easy Living VEKAdeck™ PRO

Color Retention - VEKAdeck™ PRO is fade resistant under normal weathering conditions.

Insect Resistant - Impervious to insect damage.

Splinter Proof - PVC compound will not crack, split, splinter, rot, flake or peel.

Light Weight - Cellular extrusion process makes VEKAdeck™ PRO easier to handle than wood and plastic composite materials.

Slip Resistant - Attractive embossed wood grain anti-skid surface is slip resistant when wet or dry.

Impact Resistant - Meets or exceeds the ASTM Standards for breaks and punctures.

Fire Resistant - VEKAdeck™ PRO will not sustain a flame in the event of fire.

Ultra-Low Maintenance - VEKAdeck™ PRO does not require painting or sealing.

Easy to Work - VEKAdeck™ PRO works easily using standard tools.

Easily Fastened - VEKAdeck™ PRO easily accepts nails, deck screws or hidden fasteners.

Dimensionally Stable - Patent pending PVC compound has a low expansion and contraction rate that allows for end to end butt joints.

Easy to Clean - Common spills generally clean with mild soap and water.

Environmentally Friendly - Recyclable VEKAdeck™ PRO is UV and water resistant, periodic chemical treatments are not necessary.

Water Resistant - PVC is moisture resistant making VEKAdeck™ PRO ideal for high humidity or marine areas.

Matching Fascia - Complete your deck with color matching fascia board made from the same PVC material.

Almond

Gray

White

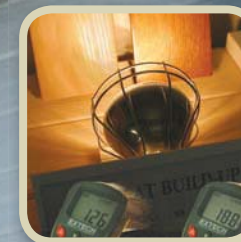
Khaki

Mocha

Walnut

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Color is often a major factor in choosing a decking material, VEKAdeck™ PRO and matching fascia board comes in six attractive colors walnut, khaki, almond, mocha, gray and white to satisfy most requirements.



VEKAdeck™ PRO has one of the lowest heat build-ups in the industry as demonstrated by this equidistant heat lamp test. VEKAdeck™ PRO with UV reflectance additives can maintain a significantly lower temperature difference as compared to other deck boards. This means that the VEKAdeck™ PRO surface will remain cool and comfortable even in bare feet.



Environmentally Friendly

Environmentally friendly VEKAdeck™PRO is made from recyclable PVC that helps save our precious forest resources. PVC is a thermo-plastic material with the lowest petroleum content and has a low energy requirement to produce.

For over fifty years, PVC has been the leading plastic material in the construction market and is one of the most analyzed, regulated and tested materials. PVC requires less maintenance, frequently outlasts competitive materials and often outperforms them, making quality construction more affordable. It contributes to a higher standard of living by making critical products more affordable, more durable and more dependable. The UV reflectance and water resistant features of VEKAdeck™PRO make periodic chemical cleaning and treatment unnecessary thus protecting the soil, air and groundwater. VEKAdeck™PRO's long life cycle means that your new deck can outlast two or sometimes three conventional installations.



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The outer co-extruded surface of VEKAdeck™ PRO utilizes a number of performance additives that aid in impact modification, heat reflectance and color retention.



www.vekaoutdoorliving.com



achievegreen

VEKA is a qualifying supplier
for the achievegreen design
management tool for projects
using the Green Building
Initiative™

www.achievegreen.net



Consider VEKArail™PRO to complement your VEKAdeck™PRO installation

The information contained within is current at the time of printing.

Changes to products may have been made since publication.

Due to the limitations of the printing process, colors shown may not be accurate.

Please consult your sales representative prior to purchasing.

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VEKADP-CAT12-V1.0-1-12