Attractive Exterior
Design Meets Function
Table of Contents

At a glance: skai® outdoor film in use 04
Perfect finish for windows 06
Colour and design for doors 08
More than just façades 10
Standard heat-free 12
Top position in the market 14
The window of the future 16
Excellent design and colour variety 18
The whole world of skai® outdoor films 19
When the vinyl window made its triumphant debut more than 30 years ago, it was only available in one colour: white. Today, builders, architects, and planners can choose from a multitude of colours, embossings, and designs for window profiles, door leaves, garage doors, and façade elements. Coating with weather-resistant film makes this possible, which not only beautifies the construction element, but also protects it over the long term. As a surface specialist and innovation leader, we at Continental have played a big role with our skai® outdoor film in the increasing acceptance of the use of films. For more than 20 years, we have stood for ground-breaking problem solutions in outdoor applications. In close dialogue with the technology and development department of the customer, we precisely tailor the films to the needs of the market. Years ago, we introduced the patented skai® cool colors technology – still the standard. Our extensive warranties increase the trust in the performance of the outdoor film. As a result, more than 30 percent of the window profiles in Germany are now covered in film. In other countries, the percentage of film coated surfaces is comparable, with an increasing tendency. We also utilize our expertise in leading expert committees such as the RAL Gütegemeinschaft (RAL Quality Assurance Association, Germany) and American Architectural Manufactures Association (AAMA). We are active in the expert workgroup and participate in the drafting of future quality guidelines. But in addition to technical know-how, we also lead in design: our innovations set trends for the branch.
At a Glance: skai® Outdoor Film in Use
Perfect Finish for Windows

When designing vinyl windows, window profile film is practically unbeatable. Film coated profiles have established themselves with leading German and European system providers. Convinced of the many advantages of the film, they have expanded their manufacturing techniques to include profile wrapping. Since the early years of the film at the beginning of the 1990's, the film coating of PVC-profiles is an economical, long-term solution and is also sustainable thanks to the recyclability. Innovations and an ever-expanding warranty contributed to this, as well as the guidance, coordination, and mediation by the RAL Gütegemeinschaft (RAL Quality Assurance Association). Above all, however, the market and the final consumers recognized the opportunities and possibilities that window profile film offers. In addition to the variety of colours and designs, which did not exist in vinyl windows before the film, our skai® products are impressive due to their longevity and ease of cleaning. An additional advantage is the homogeneity of the surface, regardless of the construction element the film is used on. When the builder decides on a design, the windows perfectly match the house door and the garage door – everything looks flawless.
Color and Design for Doors

Windows, doors, and garage doors have a major impact on the overall appearance of a building. In order to ensure a homogenous look with different construction elements, the advantage of film coating must also extend to other components, in addition to windows. For this reason, we also offer the appropriate outdoor films for entrance doors and garage doors. For example, a colour or a design can be utilized for various construction elements in a homogeneous way. Almost all of the designs are part of our skai® collection that is available from stock, including a large selection of plain colors, wood designs, Metbrush, and Alux, as well as the designs of our new Mattline. Our variety of designs is reflected by the market, where we are a trendsetter.

F4363051
Teak terra

F4366048
basaltgrau SFTN matt
Noce Sorrento balsamico

Cherry amaretto
More than just Façades

In addition to the use on windows, house doors, and garage doors, outdoor films are also increasingly demonstrating their advantages on additional construction elements. If they are used on curtain walls, they brave wind and weather there, are maintenance-free, and ensure higher durability. As with window profiles the same variety of designs and colours can be selected from for façade elements as well. For example, a very natural look can be achieved with a wood design. Or a technical appearance can be achieved with metal designs, which look like powder coated aluminium or brushed steel. If desired, a design can be precisely coordinated with the various elements, resulting in a thoroughly homogenous design of the entire building.
Dark surfaces heat up more than light surfaces in the sun. A fact that plays a role for vinyl window profiles, especially in southern countries. The more heat is transferred to the profile system, the more unstable it becomes. And the darker the colour, the greater is the risk of damage to the window in hot regions. But because the market also demands dark colors and designs, we developed the skai® cool colors technology. This innovation ensures that the window heats up noticeably less. Special pigments reduce the thermal effect of the near infrared radiation of the sun. Thanks to the patented skai® cool colors technology, the predominant share of this radiation does not penetrate into the profile, but is reflected by the surface. The penetration of heat into the profile is clearly lower, the surface remains “cool” and the form of the window remains stable. Thus, skai® cool colors extends the life of the window. Now, we equip about 80 colors and designs with cool colors technology.

The original, which premiered in 2006, is still the standard and has spawned numerous copycats. A further development is skai® cool colors plus, which is additionally equipped with a white base layer and thus is even more effective. In this way, a dark base is completely neutralized. Therefore, it is especially suited for extreme climate conditions.

**Standard heat-free**

The original, which premiered in 2006, is still the standard and has spawned numerous copycats. A further development is skai® cool colors plus, which is additionally equipped with a white base layer and thus is even more effective. In this way, a dark base is completely neutralized. Therefore, it is especially suited for extreme climate conditions.

---

**F4365021 tannengrün**

by Heinschuch
There are many good reasons that we have a leading position in the market with regard to quality. One of these is: we often do more than necessary. For example, all films are subjected to a time-lapse weather simulation in comprehensive tests in our own weathering centre. The latest generation of outdoor films are rated around 50 percent higher than earlier film types with regard to weather performance. A total of eight xenon test devices are available in our own weathering centre in Weissbach. Here, up to 1,700 samples can be weathered at the same time. Worldwide, we also conduct outdoor weathering at four sites – in Southern France, Florida, Arizona, and Australia. We regularly present the latest state of technology at the leading specialized trade fairs at home and abroad. We visit the most important conventions and conferences and participate in expert work groups within the contexts of the RAL Gütegemeinschaft (RAL Quality Assurance Association) that deal with the technical development of the film coating of tomorrow.
Together with the RAL Gütegemeinschaft and in close cooperation with our customers, we constantly develop the characteristics of our skai® window profile film further and thereby make a major contribution to the design of the window of the future. With the new RAL quality and test provisions, a new level of quality is achieved, as 10,000 hours of minimum weathering time are now prescribed. We already voluntarily weather the films 15,000 hours. This corresponds to a period of almost 20 years in a central European climate. As the developer of skai® cool colors technology, which achieves impressive results, we are a forerunner in the area of heat reduction. Thus, we ensured that this topic was additionally included in the RAL list of criteria. We will also be active within the RAL Gütegemeinschaft in the future and develop the configuration of the quality guidelines further, in order to permanently give the overall topic of film lamination stability and sustainability. We pursue a holistic approach with the window of the future and are therefore in close contact and regular exchange with manufacturers of adhesives/primers, machines, protective films, and touch-up pens. In order to make a statement, we have increased the warranty up to 10 years worldwide. In practical application, the actual useful life of the film coating already corresponds to that of the window itself.
As a surface specialist, our goal is to create accents in the design and the outer appearance of the building. In the design aspects of colour, design, and embossing, we create a multitude of possibilities for this. In the Design Center that was founded in 2011 in Weissbach, 16 designers research the latest trends across all business units. Impulses from other skai® business units act as the model for innovations in the area of outdoor film in the form of new designs and embossings. A series of international awards, i.e. the red dot, iF design award, Interzum Award and German Design Award give proof of the excellent performance in surface design.
The whole World of skai® Outdoor films

F4567030 verkehrsweiss SFTN
F4565057 brillantweiss
F4565053 altweiss
F4565001 cremeweiss

F4566001 cremeweiss SFTN matt
F4566015 beige SFTN matt
F4565054 creme
F4565015 beige

F4565056 hellelfenbein
F4565058 papyrusweiss
F4365063 lichtgrau
F4366039 Silicia SFTN matt

F4365037 achatgrau
F4365031 seidengrau
F4367037 achatgrau SFTN
F4361001 Metbrush aluminium

F4365033 kieselgrau
F4361015 Alux weissaluminium
F4361002 Metbrush silver
F4367049 titanium SFTN
The whole World of skai® Outdoor films

- F4361007 Metbrush messing
- F4365049 silbergrau
- F4361004 Metbrush platin
- F4365045 steingrau

- F4365020 pastellgrün
- F4361016 Alux graualuminium
- F4365038 betongrau
- F4366048 basaltgrau SFTN matt

- F4361005 Metbrush quarzgrau
- F4366047 quarzgrau SFTN matt
- F4367048 basaltgrau SFTN
- F4365048 basaltgrau

- F4367047 quarzgrau SFTN
- F4361021 x-brush titan
- F4361006 Metbrush anthrazitgrau
- F4361014 Alux DB 703

- F4366055 S bronze SFTN matt
- F4361012 Alux anthrazit
- F4366003 anthrazitgrau SFTN matt
- F4361023 x-brush schwarzbraun
quarzgrau
rubinrot SFTN matt
schiefergrau
schiefergrau SFTN
rubinrot
anthrazitgrau SFTN
anthrazitgrau Stylo
tannengrün
anthrazitgrau
schwarzgrau SFTN matt
Alux graphit
schwarzgrau SFTN
schwarzbraun SFTN matt
stahlblau
schwarzbraun
The whole World of skai® Outdoor films

- Sheffield Oak light
- Birke rosé
- Asteiche natur
- Oregon Pine natur
- Waiuss amaretto
- Sheffield Oak grey
- Newcastle Oak khaki
- Noce Sorrento natur
- Teak arte
- Teak silver grey
- Sheffield Oak brown
- Walnuss colonial
- Noce Sorrento balsamico
- Staufereiche Kolonial
- Cherry amaretto
- Sheffield Oak kolonial
- Sipo
- Staufereiche mocca
- Staufereiche terra
- Colmar Eiche sepia