

Continental 
The Future in Motion



cool colors PLUS

In top Form – in any Climate

**Benecke-Hornschuch
Surface Group**

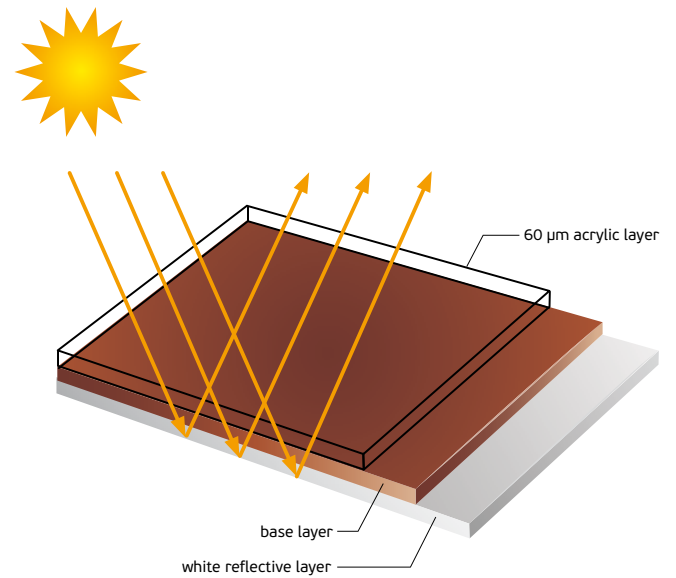
In top Form - in any Climate

All designs of the current techprofil collection are equipped with the patented cool colors technology. It ensures that the profiles heat up much less, even in direct sunlight. A further development of the proven technology is the **cool colors PLUS** film. It is characterized by a 3-layer structure, which makes it even more efficient in reducing heat absorption, especially on dark surfaces.

cool ❄️ **PLUS**
colors
by Hornschuch

3 layers

In contrast to conventional cool colors films, the **cool colors PLUS** film consists of three layers.



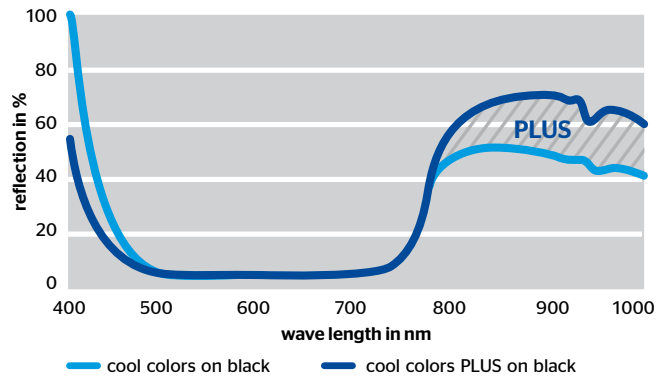
Innovative

Colored films basically can only reflect a part of the IR radiation. Therefore part of the radiation also hits the substrate under it. If this substrate is dark, the IR radiation will be absorbed and converted into heat. With **cool colors PLUS** this is prevented by the white lower film which has excellent reflective characteristics. This results in best possible values in reducing heat absorption, so even dark colors can be used in hot regions without concern. The technology also achieves excellent results in weathering due to its innovative, 60 µm thick acrylate layer with outstanding UV-protection characteristics.

Functional

In comparison with existing heat-optimized solutions on the market, **cool colors PLUS** achieves 5 °C better results in thermal measurement. This improvement allows much more possibilities in window construction with colored profiles. Because of this extraordinary characteristic, the film qualifies itself for the use in extreme climate regions all over the world.

Theoretical mode of operation cool colors and cool colors PLUS on black



Safe

cool colors PLUS not only achieves excellent values in the reduction of heat build-up, but also in weathering. Therefore a worldwide warranty up to 10 years applies for **cool colors PLUS**. So the **cool colors PLUS** films are the first choice for coating outdoor components in hot climate zones.



Benecke-Hornschuch Surface Group

Market segment
Exterior

Contact

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ContiTech. Smart Solutions Beyond Rubber

ContiTech ist eine Division des Continental-Konzerns und zählt zu den weltweit führenden Industriespezialisten. Als Technologiepartner stehen wir seit jeher für Entwicklungs- und Materialkompetenz bei Komponenten aus Kautschuk und Kunststoff sowie in Kombination mit anderen Werkstoffen wie Metallen, Gewebe oder Silikon. Darüber hinaus schaffen wir im Zusammenwirken mit elektronischen Komponenten neue, zukunftsweisende Angebote.

Über Produkte, Systeme und Services hinaus bieten wir ganzheitliche Lösungen an und gestalten die industrielle Infrastruktur entscheidend mit. Digitalisierung und aktuelle Trends sehen wir als Chance, gemeinsam mit unseren Kunden Mehrwert zu generieren – gegenseitig und nachhaltig.

ContiTech is a division of the Continental group and is one of the world's leading industrial specialists. As a technology partner, our name is synonymous with development and material competence with regard to components made of rubber and plastic as well as in combination with other materials like metals, fabrics, or silicone. Furthermore, we create new, trendsetting products using electronic components.

In addition to products, systems, and services, we offer holistic solutions and play a decisive role in the design of industrial infrastructure. We consider digitalization and current trends to be an opportunity to create additional value together with our customers – mutually and sustainably.

ContiTech es una división del consorcio Continental y se cuenta entre los especialistas líderes mundiales de la industria. Como aliados tecnológicos, apostamos desde siempre por la competencia de desarrollo y de materiales en los componentes de caucho y plástico, así como en combinaciones con otros materiales, tales como metales, textiles o silicona. Además, desarrollamos propuestas nuevas y vanguardistas gracias a la integración de componentes electrónicos.

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