

CaPlast

based on sustainability
and convenience of use



The future is present at all times and everywhere

Resource conservation, freedom from pollutants and weight reduction are not just the key issues in the automotive industry. The construction industry is also constantly in search of sustainable, healthy materials and thus keeps CaPlast innovation engine running. There are no softeners or solvents in our products and we are already conducting intensive research into the processing of bio-based materials. In our development department, the future is always present and tangible at all times.

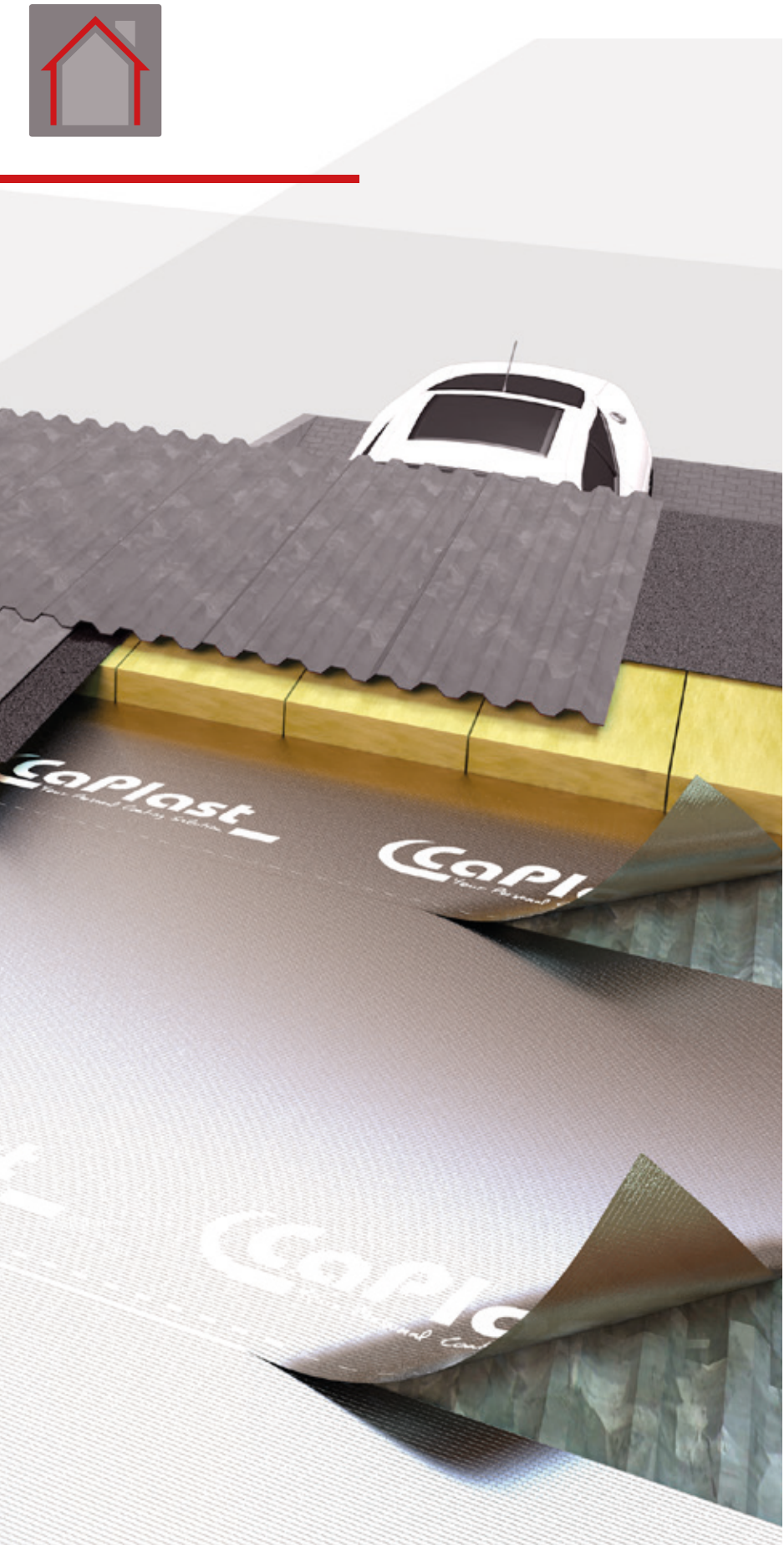
We continue this approach by introducing an entirely new product line: our recyclable, lightweight and translucent **CaLiner** textile canopy - featured prominently in this edition of CaPlast News. Additionally we focus on the outdoor weathering capacity of the **CaVap Alu 1500 SK** vapour barrier as well as the **CaFloor** system solutions under tiles and floor coverings. We will be happy to personally present our new products to you. Simply arrange an appointment by mailing us at verkauf@caplast.de.

Your CaPlast Team

Fire resistant vapour barrier
that offers an outdoor weathering capacity of 6 to 8 weeks

CaPlast introduced the cold self-adhesive, fire and penetration-resistant **CaVap Alu 1500 SK** vapour barrier six years ago. At the time full-surface self-adhesive material across the entire membrane was an innovation. It made the precise installation of vapour barriers on extensive trapezoid sheet roofs simpler and more convenient. Now CaPlast is presenting its latest generation of products with improved outdoor weathering capacities.

General Manager Frederik Schaefer: *„Of course, the aluminium composite foil CaVAP Alu 1500 SK still offers top quality performance with its outstanding diffusion resistance, but in addition scores with an outdoor weathering capacity of six to eight weeks. This offers the installation companies much more flexibility if they are faced by any delays.“*



CaFloor:
System solutions under tiles and floor coverings

An extended accessories range in combination with the continuous testing of innovative layer structures has paid off: We register an increasing demand for customised system solutions in the field of sealing membranes for tiles, panels and mosaics. Visitors can take a look behind the scenes at our development processes at the BAU 2019 trade fair. We will be presenting a fully self-adhesive sealing sheet under tiles and panels that will be ready for a market launch next year. The advantage: Tile adhesive for wall and floor installation as well as the accompanying working steps can be dispensed with.

In addition, we have reorganised and expanded the structure of the CaFloor product segment comprising of sealing membranes, decoupling membranes as well as moisture and radon barriers. *“The CaFloor products are optimised for the requirements of different substrates, wall and floor coverings in terms of their waterproofness, flexibility, alkali resistance and perforation resistance. By means of this reorientation, we are emphasising the advantages of the respective products even more clearly and are transforming individual product solutions into a reliable, integrated system,”* explains Key Account Manager Pierre-René Linne.



CaPlast products with an EMICODE® quality seal

Environmental toxins that release gases in indoor areas are a topic of increasing importance that has resulted in a rising demand for healthy, low-emission building materials. Certifications such as the **EMICODE®** provide architects and builders with a guide to the vast market for building materials. CaPlast was already aware of this responsibility at an early stage and sought ways to test its own products and ultimately have them certified. And this was at a time when these tests for vapour barriers had not even been thought of.

We also wish to continue to shoulder this responsibility in the future and are therefore collaborating closely with institutes and consultancy firms such as Sentinal House or Emicode. A whole range of CaPlast products have already been awarded the **EMICODE® EC 1PLUS** quality seal for *„very low emissions PLUS“*.

According to the GEV 'Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.' (Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Construction Products), this is the premium class that describes the limit of what is technically feasible. The Total Volatile Organic Compound (TVOC) and the Total Semi-Volatile Organic Compounds (TSVOC) are tested. For example, products of class EC 1 plus may have a maximum TVOC of 750 µg / m³ after three days.



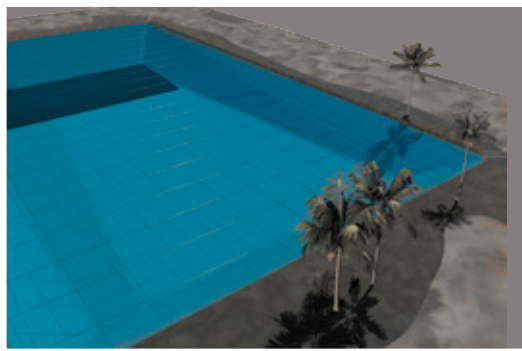
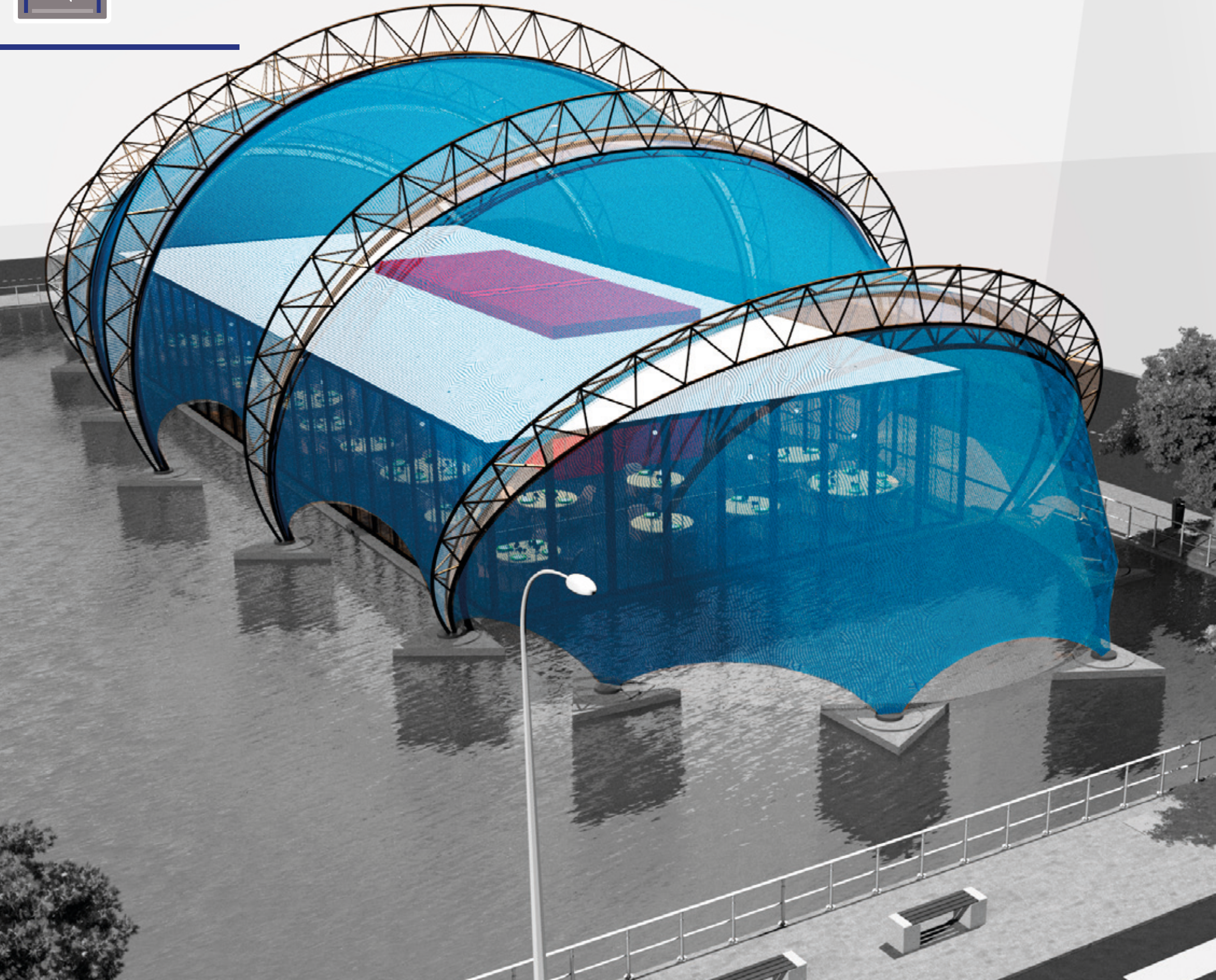
Strong and light at the same time:
PVC-free CaLiner fabric tarpaulin

Tarpaulins for greenhouses, agricultural buildings, large tents, mobile stadia, ship tarpaulins, pool covers, bulk packaging and much more besides are one of PVC's last strongholds. We wanted to change this, because weight, rigidity, added plasticisers, the development of toxic fumes in case of fire and the difficult recyclability of it represent just a few of the disadvantages associated with this material. Thus, we set about reimagining textile construction. Our solution is **CaLiner**.

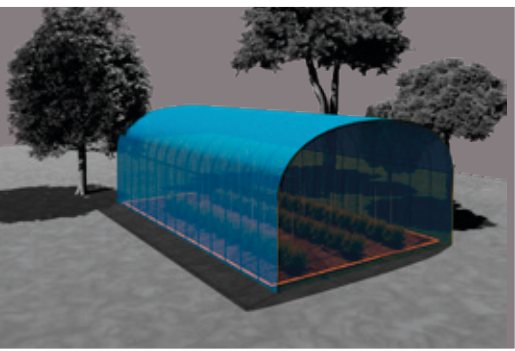
„The new tarpaulin for greenhouses with an innovative copolymer coating not only wins over users in terms of its functionality, but also aesthetically by virtue of the high levels of light transmittance,“ explains sales manager Jan van Egten.

CaLiner can be produced precisely in line with the customers' desired properties in terms of its UV resistance, transparency or fire resistance and it is also completely recyclable. Due to the lower specific gravity of polyolefins, a **CaLiner** tarpaulin is lightweight and easy to handle.

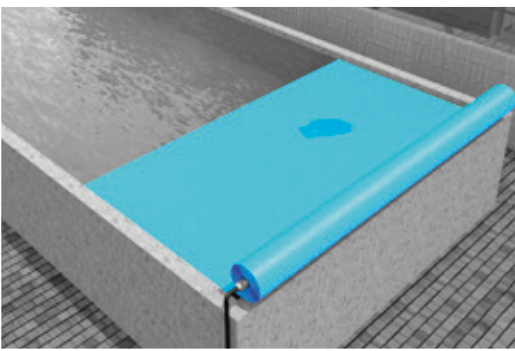
- CaLiner advantages at a glance :**
- Strong and light at the same time
 - Robust design
 - High light transmission
 - Good flammability characteristics
 - Flexible and easy to use
 - Can be welded and glued
 - Also appropriate for low temperatures
 - Recyclable
 - No expansion of the material at high temperatures
 - Plasticiser and solvent-free
 - Easy to clean with soap and water
 - Appropriate for contact with foods
 - Various colours possible



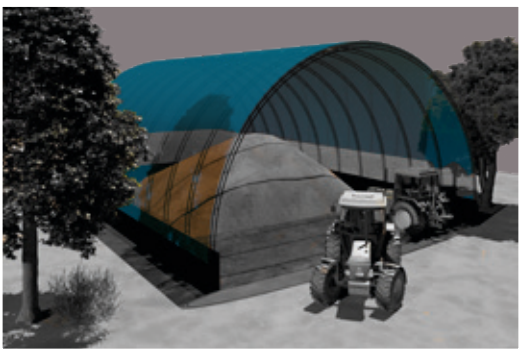
Strong and light
No stretching



Good at low temperatures
Environment friendly

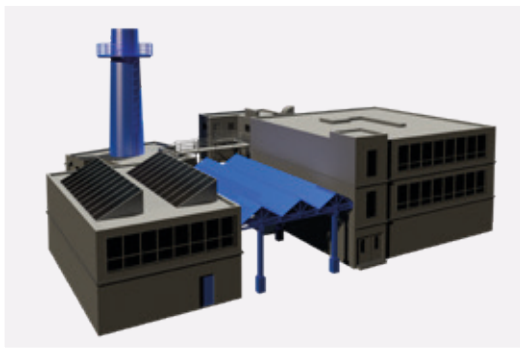


Easy cleaning
High abrasion resistance



Neutral organic character
High light transmission

Watertight installation and simple attachment
with ropes or channel rails



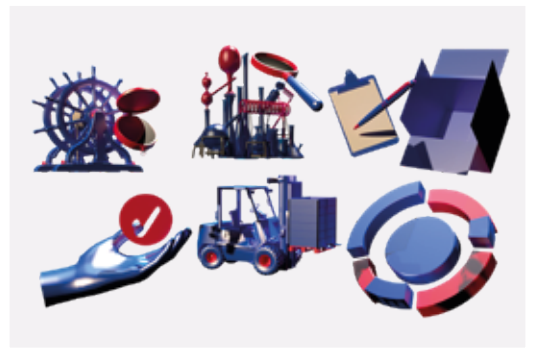
Manufacturer, producer



Technical advice



Customised products



Supply Chain Management



The successful path from contract coaters to service providers

CaPlast celebrated their 50th company anniversary in 2017. Looking back one thing once again became clear: we have constantly changed in line with the demands of the market and transformed from being a contract coater to an integrated, highly innovative, provider of services. The actual coating of substrate materials forms an important part of our range, but in most cases marks the completion of a joint process of development with our customers.

The demands upon the appearance and functionality of coated textile fabrics are becoming increasingly diverse. Customers' desire for customised products in small lot sizes is also growing at the same time. By virtue of our experience with novel composites and additives as well as our high quality of consultancy and service, we are now a preferred system supplier for most of our customers. We gladly accept every challenge with a great amount of curiosity and take pleasure providing solutions for customer problems. Why don't you simply put us to the test? Describe your application to us by mailing us at verkauf@caplast.de.

We will get in touch with you immediately.

