



We focus on uniqueness



Contract coating for roof construction, building construction and underground engineering, gardening and landscaping, automotive, sheeting and packaging, furniture and clothing.

TECHNICAL DETAILS

Substrate (flexible) ----- 15 to 1200 gr/m²
(Co-) extrusion weight ----- 10 to 1200 gr/m²
Coating width ----- 1.00 to 3.3 metres

CaPlast stands for **individual** coatings

Each product is unique and has special requirements for functionality, structure or appearance. As experts in extrusion coating we develop individual, innovative and market-ready solutions for a wide range of industries. We are guided exclusively by the objectives of our clients: Efficiency, cost effectiveness and improved environmental performance and, of course, securely sustainable competitive advantages.

CaPlast stands for **efficient** coatings

CaPlast coats and laminates the widest range of substrates, such as membranes, multiple or single filament fabrics, (aluminium) films, non-woven materials and paper, as well as a broad range of innovative material compositions from the technical textiles industry. The spectrum ranges from simple, one-sided PE or PP coatings to complex products for agricultural applications or use in the building industry.

CaPlast stands for **high-quality** coatings

Each product is enhanced according to the individual requirements, such as light-tightness and opaqueness, UV and infrared absorption, antibacterial coatings or special dyes. Pre-processing possibilities such as pre-heating of the substrates by infrared and heated rollers, or corona treatment before and after the coating process, enable optimum adhesion properties. Coatings up to 3.3 m wide are possible in various layer thicknesses - from around 10 g/m² up to 1200 g/m².

CaPlast stands for **innovative** coatings

Since 1967, CaPlast Kunststoffverarbeitungs GmbH has specialised in high-quality coating of diverse substrates. CaPlast develops innovative solutions alongside well-known industrial partners, for a wide variety of applications. The core activities range from a broad product line for the construction sector to niche products for automotive applications. Through a clear strategy and constant training, every day we live up to our claim of demonstrating our ability as an innovative specialist for bespoke products in the field of coatings.

Roof construction : We focus on sustainability



CaPlast is an expert in energy-efficient systems for all aspects of protection of the building shell, as well as protection against moisture or humidity inside the building. The formulation of the products is adapted by our R&D department to meet the technical requirements and respective applications. We find the right solution for your product, whether it be UV-stable, diffusion-permeable, tear-resistant, with low fire loading or using ecological materials.

CaPlast expertise for all aspects of roof and building construction

- Pitched roof membranes
- Air- and vapour barriers
- Facade membranes
- Sealing and decoupling membranes
- Screed membranes

Gardening and landscaping : We focus on experience



For many years, gardening, landscaping and the agricultural sector have benefited from our green thumbs. For companies involved in fabric manufacture and non-woven material production, CaPlast develops long-lasting coating solutions for hard-wearing, waterproof or water permeable sheet materials. These start from simple protective covers and run to high-tech solutions acting as shading material for use in greenhouses or in gardening and landscaping.

CaPlast expertise for all aspects of gardening and landscaping

- Root protection
- Coverings
- Coverings for greenhouses and growing beds

Underground engineering : We focus on innovation



High rigidity with a simultaneous high degree of flexibility, excellent properties in terms of adhesion, abrasion resistance or barrier effects against oil or oxygen - the requirements of membranes for renovation and preventive measures in underground engineering are as diverse as the technologies used. In close co-operation with customers, CaPlast has produced coatings with polyolefin or polyurethane on the most varied substrates, such as polyester non-woven fibres, fibreglass, etc.

CaPlast expertise for underground engineering

- Root protection membranes
- External and internal films for pipeline restoration
- Landfill sheets
- Geotextiles

We focus on individuality



Automotive : We focus on diversity



In order to reduce emissions and odours, especially in the interior of vehicles, CaPlast thermoplastic extrusion coatings are free from plasticisers and solvents. They make a positive contribution to the environment, including through the use of biopolymers. If desired, additives such as colours, UV-stabilisers or flame retardants are added.

CaPlast expertise for automotive

- Thermoplastic fibre composites
- Transport protection for cars and boats
- Functional adhesive layers
- Adhesive layers as a barrier film
- Adhesive layers as a reinforcing laminate
- Heat-resistant adhesive layers
- Textile coatings and laminations
- Interior and exterior films

Sheeting and packaging : We focus on efficiency



Intelligent sheeting and packaging on the product, aligned with the brand, are an important enhancement. CaPlast coating solutions give the necessary security during transport, whether it be for paint protection, protection against corrosion, flame resistance, or protection against UV-light, moisture and humidity.

CaPlast expertise for scheduling and packaging

- Packaging of construction chemicals
- Anti-corrosion packaging
- Covers for the agricultural industry
- Protective films for winter construction
- Water basin membranes
- Flexible partition walls
- Swimming pool covers

Furniture and clothing : We focus on creativity



CaPlast coatings guarantee unique product benefits, such as long-term UV-resistance, high diffusive permeability, very high abrasion resistance, as well as light- and colour fastness. Our solutions are not based on standards, but rather are conceived together with the customer. Look and feel are crucial in the selection of suitable substrates, as well as in the choice of colour, embossing or gloss levels.

CaPlast products for furniture and clothing

- TPU-based decorative surfaces
- Diffusion-permeable, UV-resistant, light- and colour fast

