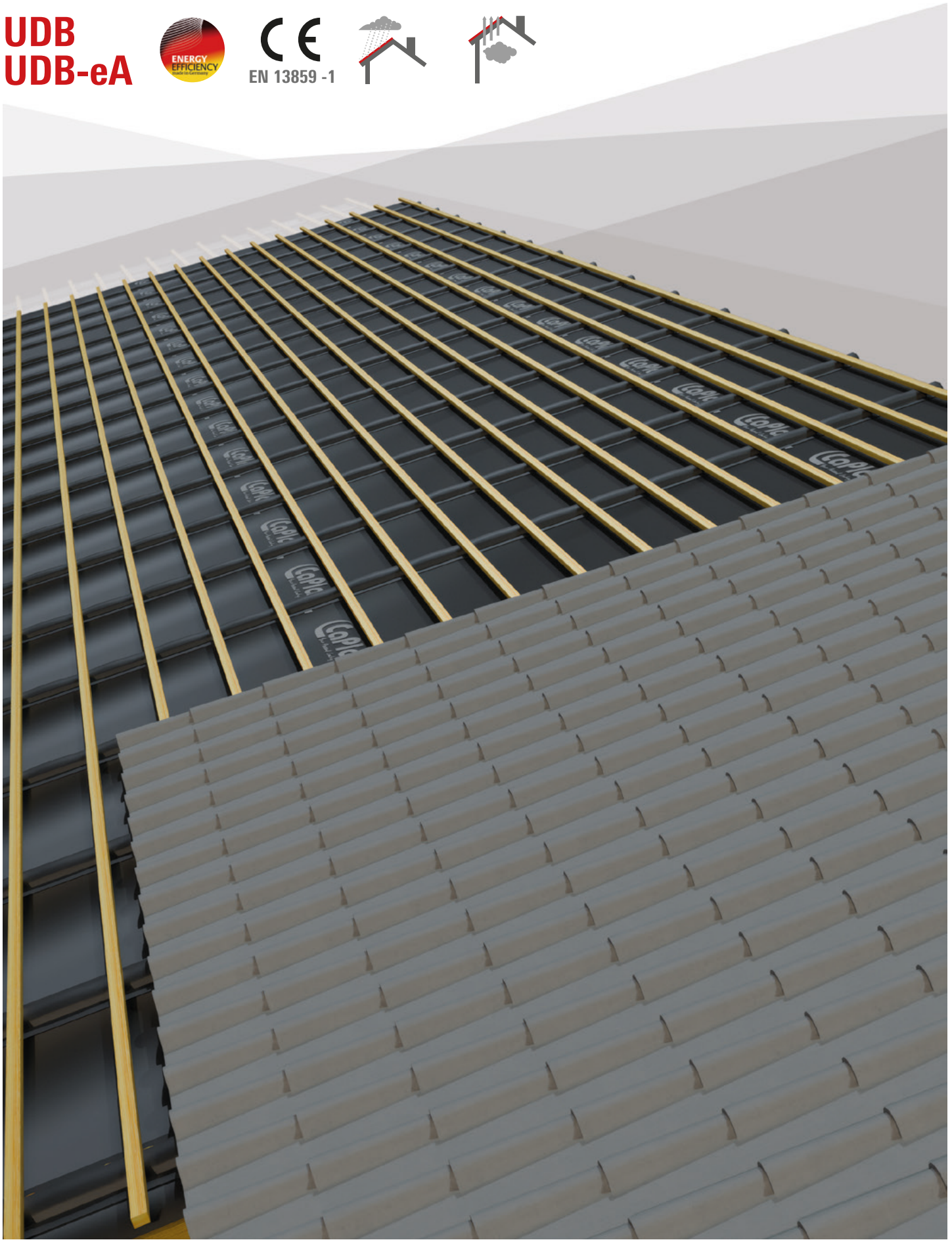
CaTop UD 360

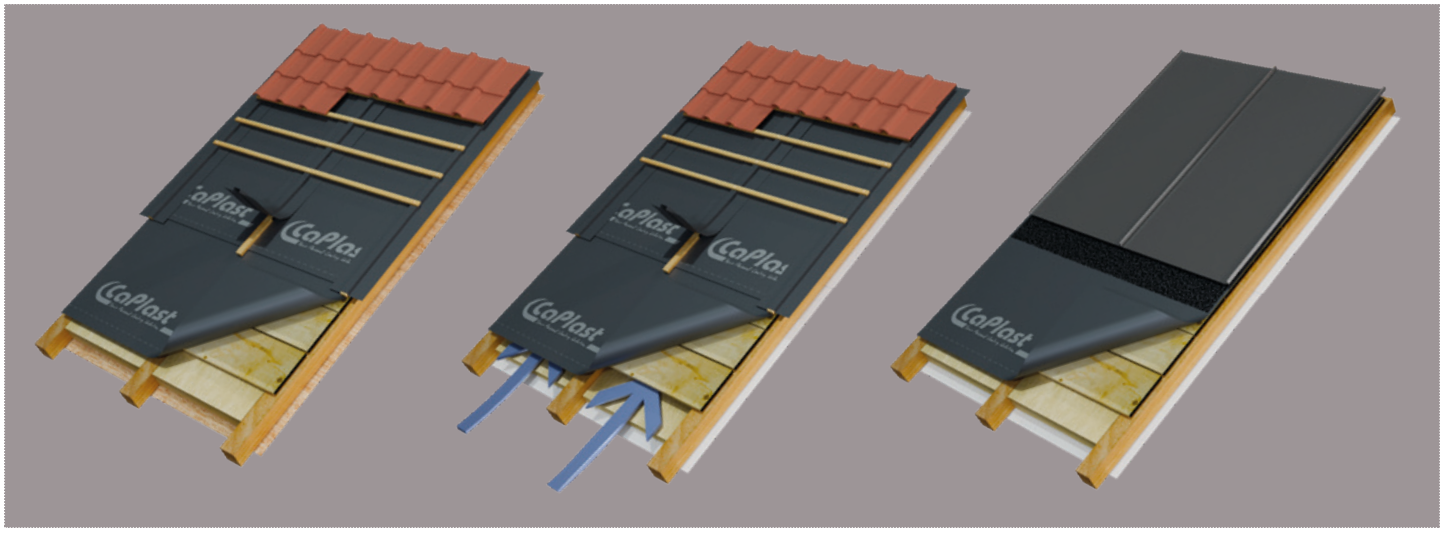
UDB
UDB-eA

EN 13859 -1



CaTop UD 360

SYSTEMATIC SAFETY AND ENERGY EFFICIENCY



CaTop UD 360 is an underlay membrane with a special, durable, monolithic polyurethane (TPU) functional layer on both sides, as well as a tear-resistant non-woven fabric polyester in the centre. The membrane is an energy-efficient, diffusion-open, premium underlay membrane that can be welded either hot or cold. It has a three-layer structure consisting of two durable, monolithic polyurethane functional layers and a centrally positioned non-woven fabric. Designed as a premium product, the membrane is intended for use as a wind-, rain- and waterproof underlay for a range of applications (UDB-eA). Its fast reaction time during welding and flexibility enable efficient and easy processing. CaTop UD 360 is particularly suitable for use on flat roofs that fall below the standard roof slope. It can be used for extended applications in accordance with Classes 1 and 2 of the ZVDH regulations, as well as Type 2 in Austria and for extraordinary loads in Switzerland. This enables a diffusion-open roof construction up to the minimum roof slope of the roofing material.

FIELDS OF APPLICATION

- Raintight and waterproof underlay (UDB)
- Sarking (USB) and formwork membrane
- Formwork membrane
- Renovation work and new constructions
- Low pitched roofs

BENEFITS

- Suitable for Class 1+2 as an underlay membrane for extended applications of the ZVDH (German Roofing Contractors Association)
- Particularly well suited to roof-integrated PV and solar systems
- The robust structure ensures high watertightness and good weldability
- Increased resistance to driving rain, as proven by the TU Berlin method
- Tested abrasion resistance, as detailed in the Martindale test (product data sheet UDB-eA)

TECHNICAL DATA	EN 13859-1
Weight (g/m²)	380 - 30 + 40
Fire behavior	E*
Water vapor permeability sd (m)	< 0.5***
Resistance to water penetration	W 1
Maximum tensile strength (L / T) (N / 5 cm)	380/400 - 60 + 80
Elongation at maximum tensile strength (L) (%)	40 ± 20
Elongation at maximum tensile strength (T) (%)	50 - 20 + 30
Tear resistance (nail shaft) L / T (N)	240/240 - 40 + 60
Cold bending behaviour (°C)	< - 20
Water pressure resistance (cm WS)	> 1000
Temporary covering with suitable and approved adhesive technology (weeks)	12
Temperature range (°C)**	- 20 to + 80
Roll width / Roll length (m)	1.50/40 3.00/20

* Laid on support board in accordance with EN 13238
** Based on cold bending behavior (EN 1109) and aging temperature (EN 1296)
*** According to EN ISO 12572-C

PROS D 11/26 EN

The generally accepted rules of technology, the latest version of technical regulations (e.g., those of the ZVDH), the CaPlast processing instructions, and all other applicable manufacturer guidelines, rules, and standards must be observed during processing.

Version: November 2026 (all technical data sheets prior to this date are invalid)

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Note:
This document replaces all previous versions. To obtain the latest versions of the technical documentation, including the technical data sheet, declaration of performance and installation instructions, scan the QR code or use this link: https://www.caplast.de/en/downloads.

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