

Product Data Sheet

UDB / USB for walls

C €21

Product description

CaWrap UV 200 FR is a façade membrane designed for closed and partially open constructions. Its smooth surface allows any accumulated or penetrating moisture to run off safely and securely.

Application

Underlay and sarking membranes for walls in accordance with EN 13859-2:2010, which are to be installed behind external wall claddings to prevent the penetration of wind and water from the outside.

Advantages

- **Curtain-type and rear-ventilated façades**
- **Maximum joint proportion:**
joint proportion of up to 40% and
a clear joint width of max. 50 mm
- **UV resistance**
- **Diffusion-open to protect insulation**
against driving snow and rain
- **Windproof black surface**
- **Building material class Bs1 d0**

Product information (EN 13859-2:2010)

CaWrap UV 200 FR consists of a polyamide (PES) non-woven material and an innovative, diffusion-open polyurethane coating that provides long-lasting UV protection. Rain and driving snow are effectively kept away from the insulation layer.

System information

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.

Application

Processing instructions: <https://www.caplast.de/en/downloads>

Important information

As a consequence of climate change, façade membranes are increasingly exposed to intensified weathering conditions such as intense solar radiation, extreme temperatures and heavy precipitation (rain and hail). These effects may result in degradation processes and premature ageing of the materials.

In order to ensure the durability and functionality of the façade membranes, the weathering period between the installation of the membrane and the completion of the wall cladding should be kept as short as possible. In this context, the installation period refers to the timespan from the installation of the façade membrane to the full completion of the wall cladding. The respective permissible installation period must not be exceeded under any circumstances. Information on this can be found on the product inserts or in the product data sheets.

Technical Information

KEY FEATURES	RULES AND REGULATIONS	NOMINAL VALUES	TOLERANCE	
			min	max
Fire behavior	EN 13501-1 / EN ISO 11925-2	Bs1 d0		
Water vapor permeability sd (m)	EN ISO 12572	0.13	0.10	0.16
Resistance to water penetration	EN 1928 Method A	W 1		
Maximum tensile strength (L / T) (N / 50 mm)	EN 12311-1	400 / 320	320 / 240	480 / 400
Elongation at maximum tensile strength (L / T) (%)	EN 12311-1	50 / 60	35 / 45	65 / 75
Artificial aging through UV (5000 h) and heat (70°C)	EN 1297 and EN 1296			
Resistance to water penetration	EN 1928 Method A	W 1		
Maximum tensile strength (L / T) (N / 50 mm)	EN 12311-1	> 75% of the initial value		
Elongation at maximum tensile strength (L / T) (%)	EN 12311-1	> 75% of the initial value		
Tear resistance (nail shaft) L / T (N)	EN 12310-1	280 / 340	200 / 260	360 / 420
Cold bending behaviour (°C)	EN 1109	< - 20		- 20
Hazardous substances**	EN 15976:2011	none		
Other properties				
Length (m)	EN 1848-2	various		
Width (cm)	EN 1848-2	various		
Straightness (< 30 mm / 10 m)	EN 1848-2	passed		
Area-related mass (g / m²)	EN 1849-2	195	180	220
Thickness (mm)	EN 1848-2	0.7	0.5	0.8
Dimensional stability (%)	EN 1107-2	< 2		+ 0
Additional requirements				
Water pressure resistance (cm WS)	EN ISO 811	> 400		
Temperature range (°C)*		- 20 to + 70		
Installation time (weeks)	Time from the installation to completion of the wall cladding	12		

* Based on cold bending behavior (EN 1109) and aging temperature (EN 1296)

** This product is an article which fulfils the requirements of Regulation (EC) No 1907/2006 (REACH). To the best of our current knowledge, the article does not contain any substances of very high concern (SVHC) from the current candidate list in concentrations that exceed 0.1% by mass (w/w), such that they would be subject to information duties according to Article 33 of REACH.

General information

Underlay and sarking membranes should be stored in a dry place, away from UV radiation. The products must also be stored frost-free at temperatures below +40°C. The storage period for the products is 48 months; however, for membranes with self-adhesive strips (SK), this is limited to 12 months. This product complies with Construction Products Regulation (EU) No 2024/3110, EN 13859-1/-2 (underlays and sarking membranes for roofs and walls, Annex ZA), and is manufactured under an ISO 9001 quality management system.

Version: July 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>.

