# RESITRIX®

WATERPROOFING MEMBRANES

## CL

PREFERABLY FOR PU-ADHESION

# Rapid Installation –
# Sealed for Life


CARLISLE CM EUROPE

WWW.RESITRIX.COM

RESITRIX® CL
WATERPROOFING MEMBRANES

# Well-proven with tens of millions of square metres already successfully installed worldwide

**RESITRIX® CL** is a heat weldable and glass- reinforced, composite rubber membrane with an EPDM core.
The underside has a polymer modified bitumen coating with a fine sand finish.

- Life expectancy of many decades
- Single layer application
- Fully elastic and highly flexible down to -30°C
- No Shattering- Effect
- Resistant to the effects of ozone, UV and infrared radiation without additional surface protection
- Resistant to a wide range of environmental chemicals and atmospheric emissions
- Compatible with bitumen
- Contains no chlorine or plasticisers
- Highly slip resistant even when wet
- No shrinkage throughout the entire service life
- Recyclable
- CE certification according to ETA-06/0258 and DIN EN 13967
- BBA certificate No 06/4329

**Variable application methods:**

- Partially bonded with PU-LMF-02 polyurethane adhesive
- Fully bonded with hot bitumen
- Loose laid with mechanical fixings (not standard)
- Loose laid with ballast (not standard)

**Please consult the RESITRIX® planning guidelines and the RESITRIX® technical department for detailing and application instructions.**

| Material Properties | | | |
|---|---|---|---|
| Thickness: | 3,1mm ± 10% | Width: | 1000mm |
| Weight per unit area: | ca. 3,5 kg/m² | Shelf life: | 24 months in originally packed state |
| Length: | 10m | | |

| Physical values | | | |
|---|---|---|---|
| **Test criterion** | **Required value** | | **Actual value** |
| Tensile strength to DIN EN 12311–2 | longitudinal:<br>transverse: | ≥ 250 N/50 mm<br>≥ 200 N/50 mm | 361 N/50 mm<br>333 N/50 mm |
| Elongation at break to DIN EN 12311–2 | longitudinal:<br>transverse: | ≥ 300%<br>≥ 300% | 600%<br>600% |
| Dimensional stability after 6 hours at 80°C to DIN EN 1107–2 | longitudinal:<br>transverse: | ≤ 0,5%<br>≤ 0,5% | + 0,1 %<br>+ 0,2 % |
| Cold bending test at -30°C to DIN EN 1109 / DIN EN 495–5 | no cracking | | no cracking |
| Ozone resistance after 14 days in water to DIN EN 1844 | Grade 0 | | Grade 0 |
| Joints / Peel strength to DIN EN 12316–2<br>/ Shear strength to DIN EN 12317–2 | | ≥ 80N/50 mm<br>≥ 200N/50 mm | 170 N/50 mm<br>700 N/50 mm |
| Water vapour diffusion resistance index (μ) to DIN EN 1931 | | | approx. 58.000 |
| Fire behaviour to DIN 4102, Part 1 | B 2 | | B 2 |
| Reaction to fire to DIN EN 13501, Part 1 | Class E | | Class E |
| Fire behaviour to DIN 4102, Part 7, and DIN EN 1187 | resistant to flying sparks and radiating heat | | resistant to flying sparks and radiating heat |
| Fire Tests on Building Materials and Structures according to BS 476 Part 3 "External Fire Exposure Roof Test" | resistant to fire | | resistant to fire |

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CE

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