

Declaration of Performance DoP

Product: CE marked vapour barrier film, PE-LD, transparent blue

Name / specifier: **Sauplast Blue**

Producer: Sauplast Oy, Kankaanpäntie 14, FI-29810 SIIKAINEN

Use: water vapour / moisture barrier in construction

Researcher: VTT Expert Services Oy, ESPOO

Measures: height 10/20/45/50 m, thickness 0,20 mm,
measures are reported in the package, weight/m² 190 g
/ testing EN 1848-2, EN 1849-2, EN 1850-2

Watertightness: watertight
/ testing EN 1928 + EN 13984,
200 mm H₂O + methylene blue / 24 h

Water vapour pass: before aging: $< 3 \times 10^{-12}$ kg/m²sPa
/ testing EN 1931, 23 °C, 0%/75% RH

Water vapour pass after aging (EN 1296): $< 3 \times 10^{-12}$ kg/m²sPa
/ testing EN 1931, 23 °C, 0%/75% RH

Tensile strenght: lengthwise / crosswise (md/td): 120 / 90 N/50 mm
/ testing EN 12311-2, +23°C, draw velocity 100 mm/min.

Tensile strain at break: lengthwise / crosswise (md/td): 500/600%
/ testing EN 12311-2

Tear resistance: lengthwise / crosswise (md/td): 65 / 65 N
/ testing EN 12310-1, 23°C, draw velocity 100 mm/min.

Siikainen 19.02.2024

Sauplast Oy



Niko Suhonen