



Product Data Sheet

Name and address of manufacturer: VWS Vertriebs GmbH Am Rosengarten 5
D-63607 Wächtersbach-Neudorf Germany

Origin/source of manufacturing: 001 + 002

Product trade name: MULTIPLAN F

Description of product: PVC -P Roofing Membrane, homogenous,
non compatible with bitumen

FPC certificate number: 1349-CPD-011

Date of the FPC certification: 06

European standard: EN 13956

Type of application and roofing system: exposed application (mechanically fastened and
for details)

Standard dimensions: Width: 1100 mm
Thickness: 1.5 mm

Characteristic	Value or statement	Test method
Visible defects	pass	EN 1850-2
Water tightness	≥ 400 kPa	EN 1928 (B)
External fire performance	$B_{\text{Roof}}(t_1)^{*1}$	EN 13501-5/ENV 1187
Reaction to fire	class E	Classification after EN 13501-1
Peel resistance of joint	≥ 150 N/50 mm	EN 12316-2
Shear resistance of joint	≥ 700 N/50 mm	EN 12317-2
Tensile strength	≥ 15 N/mm ²	EN 12311-2
Elongation at break	≥ 300 %	EN 12311-2
Resistance to impact	≥ 750 mm	EN 12691 (A)
Resistance to static load	≥ 20 kg	EN 12730 (B)
Tear resistance	≥ 150 N	EN 12310-2
Dimensional stability	≤ 2.0 %	EN 1107-2
Foldability at low temperature	$\leq -25^{\circ}$ C	EN 495-5
UV exposure (1000 h)	pass	EN 1297
Effects of liquid chemicals, including water (28 days / 23° C)	pass	EN 1847
Hail resistance	≥ 17 m/s	EN 13583
Water vapour properties	25500 ± 7500	EN 1931

Version: 01/09

*1 = Information on tested systems on request