PANDSER® MULTITOP XS PLUS

Construction membrane
for installation on
the cold side.

GENERAL

Pandser® Multitop XS plus is a three-layer watertight (W1) and breathable membrane, composed of two layers of Polypropylene with the functional microporous film in between. This membrane is provided with a double-sided integrated adhesive strip, so that the application of the Pandser® Multitop tape at the overlaps is not required. Pandser® Multitop XS plus complies with the European standard EN 13859-1 & EN 13859-2.

Pandser® Multitop XS plus is available in the following dimensions:

Dimensions	Article number	EAN-code
1,50 x 25 meters	DWF10150-2054	8713331013701

APPLICATION

Pandser® Multitop XS plus Pandser® Multitop XS plus is used as a watertight, vapor open layer on the cold side (usually the exterior) of roof and wall structures in new buildings and renovation. In roofs and walls, Pandser® Multitop XS plus can be applied directly to hard and soft surfaces. If there is no hard roof boarding (e.g. OSB), a maximum center-to-center distance of the beams of 60 cm must be taken into account. For a larger center-to-center distance please contact Berdal for tailor-made advice.

PRODUCTPROPERTIES

Roof	Hard surface	Maximum period of application 3 months	Vapour open
Facade	Soft surface	Bears weight of one person	Waterproof

www.berdal.com/downloads   MEMBER OF THE BERDAL FAMILY

Essential characteristics	
Mass per unit area	150 gr/m²
Reaction to fire [class]	E
Resistance to water penetration [class]	W1
Water vapour resistance (Sd)	0,02 [m] (-0,005/+0,02)
Tensile strength before artificial ageing	350 [N/50mm] (-90/+90) – MD 225 [N/50mm] (-25/+70) – CD
Tensile strength after artificial ageing	290 [N/50mm] (-60/+60) – MD 180 [N/50mm] (-30/+30) – CD
Elongation before artificial ageing	70 [%] (-40/+40) – MD 105 [%] (-55/+55) – CD
Elongation after artificial ageing	40 [%] (-20/+20) – MD 60 [%] (-25/+25) – CD
Resistance to tearing	185[N] (-70/+70) – MD 205 [N] (-80/+80) – CD
Flexibility at low temperature	-40 [°C]

INSTALLATION

Lay the membrane in an imbricated pattern, whereby the horizontal overlaps should be at least 150 mm.
For roof pitches <22 ° an overlap of 200mm is recommended. Minimum possible roof pitch is 18 °. The
membrane should be attached to the structure using stainless steel staples (min. length 8 mm)
and then counter battens should be applied over the staples. Stick overlaps by positioning the integrated
double-sided adhesive strips on top of each other. Always apply Pandser® Multitop XS plus with the printed
side legible from the outside. On roof gradients between 18° and 22°, Pandser® Nageldichtband
(foam tape) should be applied under the counter battens. It is recommended to avoid vertical connections.
Place any vertical overlaps between a batten/counter batten and an underlying rib / post or glue the
overlaps. If the roof pitch is> 22 °, maintain a width of the overlap of at least the rib / post width, whereby
this must protrude at least one width of the counter batten. If 18 °> roof pitch <22 °: the vertical seam
must be applied under the batten, whereby the Pandser® Nail Sealing Tape is adhered over the middle of
the seam and then the batten is applied to it. At corners, the membrane should be continued to the next
upright and then attached to it with staples and, if necessary, a counter batten. Apply the membrane at the
roof base in such a way that any leakage water disappears into the gutter. Immediately repair any damage
to the membrane using Pandser® Multitop tape. Adhere joining using Pandser® doublesided tape,
Pandser® butyl tape or Pandser® foil adhesive. Cover the membrane as soon as possible after application
(within the mentioned open working time). Protect the membrane from direct exposure to wood
impregnation agents. Avoid laying the membrane directly on freshly impregnated elements in any
circumstances.

RELATED PRODUCTS

Productname	Dimensions	Article number	EAN-code
Pandser® Multitop spinvlies tape	0,06 x 25 meter	VPM10300-9030	8713331000275
Pandser® Butyltape	0,02 x 15 meter	VPM10300-9040	8713331028842
Pandser® Nageldichtband 3 mm	0,06 x 30 meter	VPM10300-9070	8713331015354

CE 22