



Technical Information

WOLFIN® IB

WOLFIN IB Roof- and Waterproofing Membranes are non reinforced, homogenous, soft plasticized extruded thermoplastic membranes. Since 1962 WOLFIN membranes have been applied in Building Construction and Civil Engineering as well as for foundations, ponds- and kitchen sealing (DIN 18195).

Requirements fulfilled to DIN 18531 (Dachabdichtungen) DIN 18195 (Bauwerksabdichtung), DIN V 20000-201 and DIN V 20000-202 plus CE-marking according EN 13956 and EN 13967, testing's according DIN 4102-1 (B2) and EN 13501-1 (E)

Henkel AG&Co KGaA, has been certified in compliance with DIN EN ISO 9001 and DIN EN ISO 14001.

WOLFIN® means:

<ul style="list-style-type: none"> • bitumen compatible • homogene hot air- and cold weldable • suitable for all insulation materials • free of toxic heavy metals • diffusion open • root resistant acc. to FLL • mineral oil resistant 	<ul style="list-style-type: none"> • WOLFIN means equal physical properties throughout the whole membrane thickness • ozone- and UV-stable • almost acid- and alkaline resistant • cold resilience till – 45°C (AIB bending test) • long proved duration (>30 years) • suitable for recycling
---	--

Membrane Type and Application Fields:

WOLFIN® IB	non reinforcement
membrane width:	1100 mm and 1620 mm
length:	15 m
area:	16,5 m ² and 24,3 m ²
nominal thickness:	1,5 mm / 2,0 mm* (furth.thickn.upon request)
new building + refurbishment:	loose laid under ballast
special application:	waterproofing under mastic asphalt WOLFIN / SBS-torch-on method

*2,0 mm role length = 10 m

Colour: black, grey, further colours upon request

System parts etc.

<ul style="list-style-type: none"> • inner- and outer corners • sky light kerb corners • coated metal sheets • special profile systems 	<ul style="list-style-type: none"> • stainless steel drain- and vent elements • stainless steel overflows etc. • lightning protection elements • adhesion systems
--	---

Hotline Technik-, Tel.: +49 6053 / 708-141

This technical data sheet was produced according to the latest technical knowledge and standards of Henkel AG&Co KGaA, Bautechnik Deutschland, WOLFIN, Am Rosengarten 5, D-63607 Wächtersbach. Technical changes due to further developments are possible.



1349
06

1349 CPD 012 + 1349 CPD 015

Technical Information WOLFIN® IB



Produktdaten gem. DIN EN 13956
unter Auflast (Kies/Begrünung/Verkehrsflächen o.ä.)
covered application (gravel, greenroof)

und Produktdaten gem. DIN EN 13967
Feuchtigkeitssperre damp proof sheets
Grundwassersperre basement tanking

Eigenschaft	Prüfnorm	Einheit	Angaben	Ergebnis	
				1,5 mm	2,0 mm
Außere Beschaffenheit <i>Visible defects</i>	DIN EN 1850-2	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Länge <i>Length</i>	DIN EN 1848-2	m	MDV	15	10
Breite <i>Width</i>		m	MDV	1,1/1,62	1,1/1,62
Geradheit <i>Straightness</i>		mm	MLV	≤ 50	≤ 50
Planlage <i>Flatness</i>		mm	MLV	≤ 10	≤ 10
Flächengewicht <i>Mass per unit area</i>	DIN EN 1849-2	kg/m ²	MDV	1,9	2,5
Effektive Dicke <i>Effective thickness</i>		mm	MDV	1,5	2,0
Wasserdichtigkeit <i>Water tightness</i>	DIN EN 1928 B	kPa	MLV	≥ 400	≥ 400
Brandverhalten <i>Reaction to fire</i>	DIN EN 13501-1	-	s. 5.2.5.2	E	E
Schälwiderstand der Fügenaht <i>Joint peel resistance</i>	DIN EN 12316-2	N/50 mm	MLV	≥ 150	≥ 150
Scherwiderstand der Fügenaht <i>Joint shear resistance</i>	DIN EN 12317-2	N/50 mm	MLV	≥ 600	≥ 600
Zugfestigkeit <i>Tensile strenght</i>	DIN EN 12311-2	N/mm ²	MLV	≥ 16	≥ 16
Dehnung <i>Elongation</i>		%	MLV	≥ 300	≥ 300
Perforationsverhalten <i>Resistance to impact</i>	DIN EN 12691 DIN EN 12691	mm	MLV	≥ 600	≥ 750
Verfahren A) <i>Method A)</i>					
Verfahren B) <i>Method B)</i>					
Widerstand gegen statische Belastung <i>Resistance to static load</i>	DIN EN 12730 Methode B	kg	MLV	≥ 20	≥ 20
Dauerhaftigkeit Wasserdichtheit gegen Alterung <i>Durability watertightnes against aging</i>	DIN EN 1296 nach DIN EN 1928	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Dauerhaftigkeit Wasserdichtheit gegen Chemikalien <i>Durability watertightnes against chemicals</i>	DIN EN 1847 nach DIN EN 1928	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Weiterreißwiderstand Nagelschaft <i>Resistance to nail tear</i>	DIN EN 12310-1	N	MLV	≥ 250	≥ 250
Weiterreißwiderstand <i>Tear resistance</i>	DIN EN 12310-2	N	MLV	≥ 100	≥ 100
Wurzelfestigkeit <i>Resistance to root penetration</i>	DIN EN 13948	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Maßänderung nach Warmlagerung <i>Dimensional stability</i>	DIN EN 1107-2	%	MLV	≤ 1,5	≤ 1,5
Falzen in der Kälte <i>Foldability at low temperature</i>	DIN EN 495-5	°C	MLV	≤ -25	≤ -25
UV-Beanspruchung <i>UV exposure</i>	DIN EN 1297	visuell	erfüllt/passed	erfüllt/passed	erfüllt/passed
Hagelschlagbeständigkeit <i>Hail resistance</i>	DIN EN 13583	m/s	MLV	≥ 25	≥ 25
Wasserdampfdurchlässigkeit <i>water vapour properties</i>	DIN EN 1931	-	μ = MDV oder 15000	10.000 ± 3.000	10.000 ± 3.000
Bitumenverträglichkeit <i>Exposure to bitumen</i>	DIN EN 1548 90 d / 70°C	-	erfüllt/passed	erfüllt/passed	erfüllt/passed

Erläuterung: MDV = manufacturer's declared value (Herstellerangabe mit Toleranz)
MLV = manufacturer's limiting value (Grenzwert des Herstellers)

This technical data sheet was produced according to the latest technical knowledge and standards of Henkel AG&Co KGaA, Bautechnik Deutschland, WOLFIN, Am Rosengarten 5, D-63607 Wächtersbach. Technical changes due to further developments are possible.