



IKO TECHNICAL DATA SHEET

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AQUABARRIER™ TWF – 36"

AquaBarrier™ TWF is made by integrally bonding a high density cross-woven polyethylene film to SBS modified rubberized asphalt. It is a cold-applied, self-adhering sheet membrane designed to be used as a through wall flashing system. AquaBarrier™ TWF is used in adhered flashing application directly over masonry, concrete, gypsum, wood or metal substrates which have been properly primed. The surface film of AquaBarrier™ TWF is over 40% thicker than the regular AquaBarrier™ AVB & FP surface films, making it ideal for more demanding applications where higher tensile and puncture resistance are required. The release film is a silicone treated paper, which is easily removed prior to product installation. IKO's roofing products are produced and designed with consideration for environmental responsibility and sustainability, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

CHARACTERISTIC	UNITS	NOMINAL VALUE	TEST METHOD	STANDARD LIMITS	
QUANTITY PER PALLET:	-	25	-	N/A	
PALLET SIZE:	cm (in)	119 x 119 (47 x 47)	-	-	
LENGTH:	m (ft)	22.9 (75)	-	± 1%	
WIDTH:	mm (in)	914 (36)	-	± 3 (1/8)	
THICKNESS:	mm (mils)	1.2 (47)	ASTM D5147	± 0.4 (16)	
FILM THICKNESS:	mm (mils)	0.3 (12)	ASTM D5147	-	
COLD FLEX:	°C (°F)	> -29 (-20)	ASTM D1970	MIN: -15 (5)	
TENSILE STRENGTH	MD: XD:	kN/m (lbsf/in)	20 (115) 20 (115)	ASTM D412	-
ULTIMATE ELONGATION	MD: XD:	%	> 65** > 65**	ASTM D412	-
TEAR STRENGTH	MD: XD:	N (lbf)	260 (59) 240 (54)	ASTM D5601	-
TENSILE-TEAR	MD: XD:	N (lbs)	700 (158) 700 (158)	ASTM D4073	-
PEEL RESISTANCE:		Kg/mm(lb/in)	0.2 (10.8)	ASTM D903	-
PEEL RESISTANCE:	MD: XD:	Kg/mm(lb/in)	0.1 (6.0) 0.1 (6.0)	ASTM D1876	-
WATER VAPOUR PERMEANCE:		Ng/Pa*s*m ² (perms)	< 3 (< 0.05)	ASTM E96	-

** This is the ultimate elongation of the complete product. For the modified rubberized asphalt compound only the ultimate elongation is >200%.

See also Material Information Sheet – MIS # 1201

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