

TECHNICAL DATA SHEET

DELTA®-FOXX / PLUS

Highly Vapor Permeable Roof Underlayment

MATERIAL

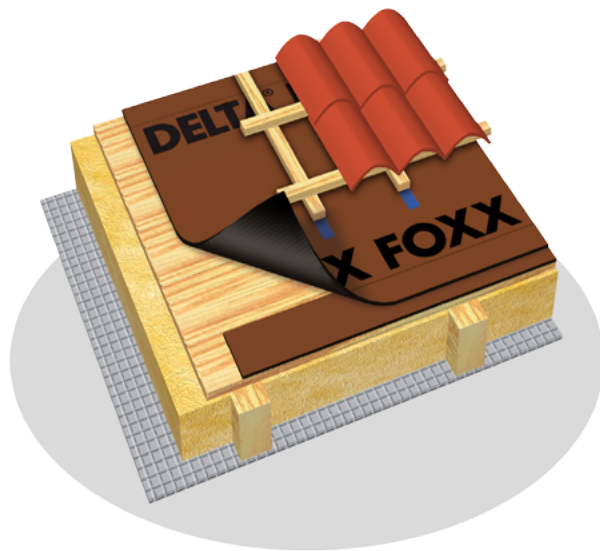
Special, extremely tear-resistant polyester non-woven substrate with a highly vapor permeable and watertight acrylic dispersion coating.

PROPERTIES

The high vapor permeability of this roof underlayment allows any moisture within the roof enclosure to escape swiftly by diffusion. A water-repellent dispersion coating makes DELTA®-FOXX permanently waterproof. This highly scuff and tear-resistant membrane makes a firm and safe walking surface when laid on top of solid sheathing. The 'anti-glare' coating eliminates reflection, even in extreme sunlight. This membrane withstands the rigors of jobsites, as well as tough wind and weather. Its performance is unaffected by surfactants.

APPLICATION

DELTA®-FOXX is installed on the roof deck prior to the application of the final cladding system. DELTA® Accessories complement the roof underlayment installation. DELTA®-FOXX is also available in the PLUS version with a self-adhesive edge.



DELTA® products support sustainable and energy-efficient building practices, including efforts toward achieving LEED® certification (LEED® for New Construction & Major Renovations, LEED® for Core and Shell, LEED® for Existing Buildings and LEED® for Homes).

For technical support, call our technical support team at 1-888-4DELTA4 (1-888-433-5824) extension 326, or visit www.dorken.com

Technical Data

Product name	DELTA®-FOXX	
Color	red-brown	
Water vapor transmission	3763 g/m ² /24 h	ASTM E96-05, Proc. B
Vapor permeance	550 perms [grains/h/ft ² /in Hg]	ASTM E96-05, Proc. B
Breaking load	MD 104 lb/2in (461 N/50 mm)	ASTM D5035-06
	CD 63 lb/2in (279 N/50 mm)	
Elongation at break	MD 37 %	ASTM D5035-06
	CD 48 %	
Tear resistance	MD 1916 g	ASTM D1922-06a
	CD 2564 g	
Trapezoid tearing strength	MD 23 lb (103 N)	ASTM D4533-04
	CD 16 lb (71 N)	
Fastener pull-through force	211 N	ASTM D3462-03
Water penetration resistance	104 cm	CAN/CGSB-4.2 #26.3-95
Water impact penetration resistance	no water passing	AATCC 42-2000
Water permeability	no water passing	CSA A220.1-06
Long term sag	no sag	CSA A220.1-06
Flame spread	5	ASTM E84-09
	NFPA Class A; UBC Class I	
Smoke developed	170	ASTM E84-09
	NFPA Class A; UBC Class I	
Air permeance	< 0.69 l/(s x m ²) @ 75 Pa	ASTM E2178
Temperature range	-40 °F to +176 °F (-40 °C to +80 °C)	
Mass per unit area	> 7.9 oz/yd ² (270 g/m ²)	CSA A220.1-06 4.4.4
Roll weight	approx. 44 lb (20 kg)	
Roll length	164' (50 m)	
Roll width	4' 11" (1.5 m)	
Maximum UV (sunlight) exposure	Always cover as soon as possible. Maximum exposure 16 week.	
DELTA® Accessories	DELTA®-MULTI BAND 2" x 82' (5 cm x 25 m) DELTA®-FLEXX-BAND 4" x 33' (10 cm x 10 m) DELTA®-THAN 310 ml cartridge	

ICC ESR-2625 DELTA® Synthetic Roofing Underlayments