

TECHNICAL DATA SHEET

DELTA®-FASSADE SA

Self-Adhered Water-resistive Barrier & Air Barrier for Façade Systems with Open Joint Claddings.

MATERIAL

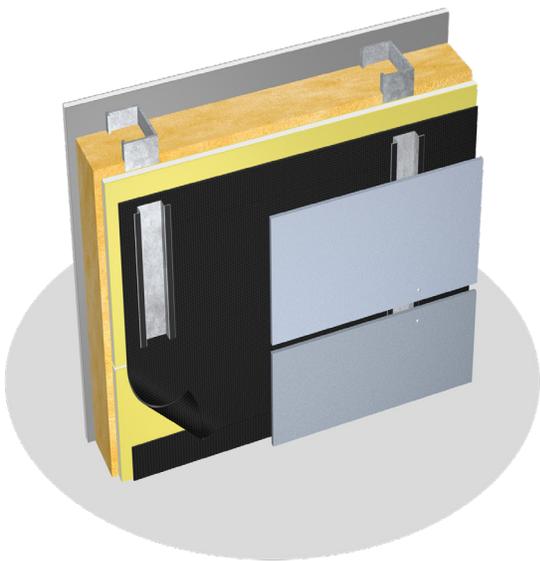
DELTA®-FASSADE SA is a 3-layer self-adhered water-resistive barrier (WRB) and air barrier with highly UV-stabilized acrylic coating. Its two outer layers are made of a high strength spun-bonded polypropylene (PP) fabric. They are thermally bonded to a highly vapor permeable, watertight polymeric middle layer. DELTA®-FASSADE SA maintains high vapor permeability and has a full surface coating of a high tack adhesive for bonding to common substrates. It has a split release liner for ease of application.

PROPERTIES

DELTA®-FASSADE SA, highly stabilized against damage from UV exposure, is designed for use in cladding systems that have open joints of up to 2" (50 mm) wide which expose up to 40% of the entire facade surface. It acts as a durable drainage plane, channeling bulk (liquid) water from wind-driven rain and snow to the outside of the structure. The watertight membrane helps protect the building enclosure from damaging effects of moisture infiltration. Its high vapor permeability allows moisture within the cavity to escape swiftly. It is an air barrier that meets the industry's most stringent standards. DELTA®-FASSADE SA is light-weight and tear-resistant. This membrane withstands the rigors of jobsites, as well as tough wind and weather.

APPLICATION

DELTA®-FASSADE SA is installed outboard of the sheathing prior to the application of the final cladding system. DELTA® Accessories complete a UV resistant air barrier and WRB system.



Technical Data

Product name	DELTA®-FASSADE SA	
Color	black	
Material	high strength spun-bonded polypropylene (PP) fabric with UV stable acrylic coating	
Adhesive coating	Full surface coating with vapor permeable pressure-sensitive adhesive	
Vapor permeance	>10 perms	ASTM E96-05, Proc. B
Tensile strength	MD 60.6 lbf	ASTM D5034
	XD 53.7lbf	
Elongation at break	MD 45.4%	ASTM D5034
	XD 54.0%	
Water penetration resistance	No leakage	AATCC 127-1985
Bent test	No cracking	ICC AC 38, 3.2.4
Air permeance	< 0.02 l/(s x m²) @ 75 Pa	ASTM E2178
Temperature range	-40 °F to +176 °F (-40 °C to +80 °C)	
Roll weight	approx. 44 lb (20 kg)	
Roll length	115 ft (35 m)	
Roll width	4' 11"ft (1.5 m)	
Maximum UV (sunlight) exposure	Always cover as soon as possible. Maximum exposure 30 weeks (prior to installation of cladding)	
Service life expectancy	> 25 years, if installed behind cladding systems that have open joints of up to 2" (50 mm) width which expose no more than 40% of entire façade surface	
DELTA® Accessories	DELTA®-FASSADE TAPE 2 1/2" x 65' 7" (10 / box) DELTA®-FASSADE FLASHING 4" x 65' 7" (6 / box) DELTA®-FASSADE FLASHING 9" X 65' 7" (2 / box) DELTA®-TILAXX sealant	Working temperature from 40 °F to 104 °F (+5 °C to 40 °C)

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.