

Durex® Dur-A-Flash Joint Guard System

Flexible Copolymer Liquid Applied Transition Membrane

Description	Durex® Dur-A-Flash Joint Guard is an extremely flexible waterborne coating with multi-function features that can be used in conjunction with most of the Durex Water Resistive Barriers as a tie-in membrane to seal substrates around windows, doors and other openings.
Uses	<p>Durex® Dur-A-Flash provides an effective, water-resistant transition membrane to provide continuity of Durex Water Resistive Barriers between different substrate materials and to bridge across sheathing joints, at openings, at inside and outside corners, and is an acceptable alternative to Durex EIFS Tape. It can also be used to bridge across sheathing joints and other construction joints. When used in combination with Durex® Barrier Seam Tape, Durex® Dur-A-Flash Joint Guard provides the continuity of the WRB/Air barrier around window and door rough openings and functions also as a tie-in membrane over window flanges and door jambs, providing easier application than other conventional products (i.e. butyl flashing tapes or plastic sill pans).</p> <p>Durex Dur-A-Flash Joint Guard could be applied to most common surfaces such as concrete, brick, concrete block, glass-mat coated gypsum, cement board, Plywood and Oriented Strand Board (OSB) and integrated into various Durex® EIF Systems for both new and retrofit construction</p>
Features	<ul style="list-style-type: none"> Highly flexible, bridges cracks which may form in the substrate Vapour permeable, minimizes risk of condensation in the wall from water vapour diffusion Liquid application assures a monolithic, seamless membrane Water resistive (WRB) air barrier membrane & tie-In membrane Exceptional adhesion to a multitude of substrates Self-seals around nails, forming a tight, seamless barrier against water and air leakage
Limitations	Durex® Dur-A-Flash Joint Guard is to be applied when surface and ambient temperatures are above 2°C (35°F) and below 40°C (105°F) during application. Durex® Dur-A-Flash Joint Guard should not be applied to surfaces with standing water or frost.

TECHNICAL DATA

PHYSICAL PROPERTIES

Product Type	Water-based copolymer
Appearance	White viscous material in its liquid state
Specific Gravity	1.39
ph Level	8.5
Application Temperature	Above 2°C (35°C)
Coverage	8 – 9 m ² (85-100ft ²)/ 10kg pail (260 – 300 LF @ 4" wide or 175-200 LF @ 6" wide)

PERFORMANCE PROPERTIES	METHOD	RESULT
Bond Strength	ASTM C297	0.62 MPa (90 psi) glass matt gypsum 1.90 MPa (275 psi) on concrete
Tensile Strength	ASTM D412	0.83 MPa (120 psi)
Elongation	ASTM D412	300% elongation at break
Joint Disruption Resistance	CCMC E.1-16	PASS 2mm & 4mm Joints (deflection up to L/180)
Nail Sealability	ASTM D1970	PASS no water penetration
Air Leakage	CAN/ULC S741 (Standard for Air Barrier Materials)	PASS requirement <0.002 L/(s.m ²) @ 75 Pa Actual 0.0015L/(s.m ²) @ 75 Pa @ 0.57mm (0.023") DFT * The results listed above are based on averages, including a margin of error, considering that Durex® Dur-A-Flash may be applied to various substrates with or without irregularities.
Air Leakage	ASTM E-2178-13 (Standard Test Method for Air Permeance of Building Materials)	PASS requirement <0.002 L/(s.m ²) @ 75 Pa Actual 0.0015L/(s.m ²) @ 75 Pa @ 0.57mm (0.023") DFT * The results listed above are based on averages, including a margin of error, considering that Durex® Dur-A-Flash may be applied to various substrates with or without irregularities.

Water Vapour Permeance	ASTM E-96	Thickness	Method A	Method B
		@ 1.5mm (0.060") WFT		450 ng/Pa.s.m ² (7.9 perms)
Coefficient of Water Absorption	CCMC 5.5.1	0.0001 kg/m ² .s ^{1/2}		

Application	<p>Substrate must be dry, clean, sound and free of weak and powdery surfaces, dust, dirt, oil, grease and other deleterious materials, which may be detrimental to Durex® Dur-A-Flash Dur-A-Flash Joint Guard during or after curing. (Consult Durabond Products Limited for questionable substrates). Durex® Dur-A-Flash Dur-A-Flash Joint Guard may be applied by trowel or brush. Allow material to dry at air and surface temperature of 2°C (35°F) or higher.</p> <p>Applications to Fenestration Rough Openings: Extend Durex® Dur-A-Flash Dur-A-Flash Joint Guard and Durex® Barrier Seam Tape a minimum of 3" onto the sheathing face, completely covering the sheathing board edge. Then, extend Durex® Dur-A-Flash Joint Guard and Durex® Barrier Seam Tape a minimum of 3" (75mm) back onto the rough opening substrate. It is recommended that Durex® Dur-A-Flash Joint Guard and Durex® Barrier Seam Tape cover a distance back onto the rough opening equal to what is covered by traditional flashing materials.</p> <p>Penetrations & Counter-flashings: Apply Durex® Dur-A-Flash Joint Guard and Durex® Barrier Seam Tape a minimum of 2" onto the sheathing face and a minimum of 2" onto the penetration substrate or primary flashing substrate.</p>
Curing/Drying Time	<p>Curing time will differ depending on specific application conditions. Relative humidity, temperature and airflow will affect curing time. Average conditions and standard thickness will achieve tack free film in 1 to 3 hours and full cure within 7 days. DO NOT SUBSTITUTE NOR COMPENSATE DUREX® Dur-A-Flash WITH OTHER ADDITIVES.</p>
Clean-up	<p>Durex® Dur-A-Flash is a water-based emulsion and does not require the use of solvents for cleaning up. Use light soap and water to clean uncured material. Cured material is best removed with xylol or by mechanical means.</p>
Storage	<p>Keep Durex® Dur-A-Flash Joint Guard containers tightly sealed and store stacked off the ground with ambient temperatures above 2°C (35°F). KEEP FROM FREEZING.</p>
Health and Safety	<p>For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For Industrial use only. Keep out of reach of children.</p>
Warranty	<p>Durabond Products Limited fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Durabond's responsibility shall not exceed either the refund of the purchase price or the replacement of the purchased product.</p>
Technical Services	<p>Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your sales representative.</p>

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