

Product	Description	Typical uses
POLYUREA MEMBRANES & LININGS		
POLYFLEX 201 IMPERMEABLE	A high performance Polyurea membrane designed to provide excellent water-proofing, corrosion and abrasion resistance in a variety of climatic conditions. It provides excellent protection in continuous water immersion.	Used as an anti-corrosion protective membrane for steel, wood and masonry substrates. Ideal for use in secondary containment (effluent, water, petroleum product) and water treatment. CFIA approved as a non-food contact coating.
POLYFLEX 202 HIGH CHEMICAL RESISTANCE	A high performance Polyurea membrane with high chemical resistance properties. With high hardness as well as good flexibility, it provides long term durability. It is especially appropriate for use in constant immersion in petroleum products.	Used in containment and lining for petrochemical cargo in both primary and secondary containment circumstances. Also used in chemical processing facilities, water and wastewater treatment facilities, pulp and paper mills, etc.
POLYFLEX 203 U.V. RESISTANT	A high performance Polyurea membrane designed to provide excellent water-proofing, corrosion and abrasion resistance in a variety of climatic conditions. Its aliphatic structure assures strong color retention in outdoor applications. It provides excellent protection in continuous water immersion.	With outstanding color retention properties, it is ideal for exterior applications on steel and concrete surfaces. It is well suited for roofing applications.
POLYFLEX 301 GENERAL PURPOSE	A high performance, cost-effective Polyurea membrane. It is designed for general industrial applications where abrasion resistance and/or waterproofing are required.	Ideally suited for a variety of uses including garage and parking decks, truck bedliners and exterior piping. It is also suitable for use in secondary containment on geotextile.
POLYFLEX 304	A high performance Polyurea membrane designed for the protection of steel and / or concrete substrates. It is appropriate for industrial applications that require waterproofing or those buried in soil.	Commonly used in secondary containment, concrete and/or steel pipe protection, parking decks, manhole covers, etc.
POLYFLEX 311 GENERAL PURPOSE	A high performance, Polyurea membrane with a longer gel time. It is designed for general industrial applications where abrasion resistance and/or waterproofing or better leveling are required.	Ideally suited for a variety of uses including garage and parking decks, exterior piping and secondary containment over geotextile.
POLYFLEX 401 HIGH ELONGATION	A high performance Polyurea membrane designed to provide excellent abrasion and shock absorbing resistance in a variety of climatic conditions. It is especially appropriate where flexibility and protection are required in cold and below-freezing temperatures.	Used in numerous high demand situations including: material handling equipment, containment applications, gravel guards, and roofing applications.
POLYFLEX 402 SLOW SET	A high performance Polyurea membrane designed to provide a slow gel time. Its leveling properties are particularly appropriate for flooring applications.	Used in industrial flooring applications as well as garage and parking decks, bedliners, etc.
POLYFLEX PW	A high performance Polyurea membrane that is NSF61 listed for use as a coating or lining for either steel or concrete tanks.	Potable water tanks, food processing facilities, water and wastewater treatment facilities, etc.
POLYFLEX 204 REPAIR KIT	A high performance manual repair kit suitable for interior or exterior applications. It is self-leveling and high in solids. It can be applied by brush, squeegee or spatula.	Designed as a repair kit for Polyurea linings; can be used to repair and fill cracks.

PRIMERS

MONO FERRO PUR	Micaceous iron oxide (MIO) pigmented single component MCU used as primer, intermediate or overcoat over aged alkyds, vinyl or epoxies. Well suited for use as primer for Polyurea topcoating.	Can be used as a spot or full primer, intermediate coat or as overcoat over aged alkyds, vinyls or epoxies. Can be applied directly to steel, aluminium or galvanized metal substrates or concrete. Can be applied in conditions of low temperature as well as high humidity.
448 SERIES	A two component, high build epoxy primer. It can be used as a high performance primer for immersion as well as non-immersion applications on properly prepared steel, roughened galvanized or roughened stainless steel structures. Performs well as a primer under Polyurea topcoat layer. It has excellent chemical resistance.	Piping and tanks, chemical plants and refineries, water and wastewater facilities.

SPECIALTY

101617	Plasticizer	Enables storage and shipping of the pump in a non-flammable, non-reactive environment.
101645	Surface activator	Is used to facilitate inter-coat adhesion by reactivating existing membrane.
101618	Gun cleaner	Solvent used to clean spray gun and parts.

Training

Technical support

COMPLETE HANDS-ON TRAINING COURSE

FULL RANGE OF TECHNICAL AND FIELD SUPPORT



INTRODUCTION TO POLYUREA CHEMISTRY

APPLICATION TOPICS:

MIX RATIOS, TEMPERATURE EFFECTS, GEL TIME REACTIVITY & CURING, ETC.

PERFORMANCE PARAMETERS:

TENSILE STRENGTH, ELONGATION, TEAR STRENGTH, HARDNESS, ABRASION RESISTANCE, ADHESION, ETC.

EQUIPMENT SELECTION

SAFETY ISSUES

- * WRITING SPECIFICATIONS
- * GUIDANCE IN SELECTING EQUIPMENT
- * JOBSITE PLANNING AND PREPARATION
- * TECHNICAL DATA
- * CASE HISTORIES
- * PROMOTIONAL BROCHURES
- * TECHNICAL PRESENTATIONS

	Markets/ Advantages	Projects	Location
TANKS			
	<ul style="list-style-type: none"> • SEAMLESS MEMBRANE • HIGH CHEMICAL RESISTIVITY • FLEXIBLE, HIGH ELONGATION • EXCELLENT ADHESION • NO NEED TO DE-HUMIDIFY TANKS • INTERIOR AND EXTERIOR OF TANKS AND SILOS • CAN BE APPLIED IN LOW TEMPERATURES • NO VOC's 	ROYAL NAVY FUEL RESERVOIRS	SINGAPORE
		COOLING WATER TANKS	QUEBEC
		SALTWATER RESERVOIR	QUEBEC
		SALT MANUFACTURING PLANT	RUSSIA
WATER / WASTEWATER			
	<ul style="list-style-type: none"> • CHEMICAL RESISTANCE TO H₂S GAS AND H₂SO₄ • CORROSION PROTECTION • OUTSTANDING ABRASION RESISTANCE • SEAMLESS COATING • RAPID RETURN TO SERVICE • POTABLE WATER REQUIREMENTS • GOOD WEATHERING • HOLDING TANKS, CLARIFIERS, ETC. • NO VOC's 	CHANGI WWP	SINGAPORE
		CON AGRA FOODS	QUEBEC
		SEATTLE PUBLIC UTILITIES	USA
PIPELINES			
	<ul style="list-style-type: none"> • QUICK CURING: MINIMAL DOWNTIME • SEAMLESS MEMBRANE • EXCELLENT ADHESION • ABRASION RESISTANT • ELONGATION PROPERTIES PERMIT DAMAGE-FREE MOVEMENT OF SUBSTRATES AFTER APPLICATION • OUTSTANDING WATERPROOFING • NO VOC's 	NATURAL GAS PIPELINE	WESTERN SIBERIA
		GAS PIPELINE	MANGISTAUSSKAYA OBLAST
		GAZ METRO	QUEBEC
CONTAINMENT			
	<ul style="list-style-type: none"> • CHEMICAL RESISTIVITY • FLEXIBLE • HIGH TEAR AND TENSILE STRENGTH • COMPATIBLE WITH GEOTEXTILE • SEAM KITS • HOLDING PONDS WITH GEOTEXTILE • INTERIOR AND EXTERIOR OF TANKS AND SILOS • FEULING PADS AND DRAIN PITS • LINING IRRIGATION DITCHES • NO NEED TO BE BURIED • ENVIRONMENTALLY FRIENDLY • NO VOC's 	HYDRO QUEBEC	QUEBEC
		SUNCOR	QUEBEC
		KINDER MORGAN	USA
GENERAL INDUSTRIAL			
	<ul style="list-style-type: none"> • QUICK SET: MINIMAL DOWN TIME • ABRASION RESISTANT • RESISTS THERMAL SHOCK • HIGH TEAR STRENGTH • RAIL CARS; TANK CARS • COLD ROOMS • CLEAN ROOMS • ENCAPSULATION OF RUST, ASBESTOS SHINGLES, ETC. • WATERPROOFING OVER VARIETY OF ROOF TYPES • PARKING DECKS • EASILY REPAIRED • NO VOC'S 	NORILSK NICKEL MINE	MOSCOW
		DOMTAR PAPER	QUEBEC
		JTM FOOD PROCESSING	USA
		SWIFT RIVER BYPASS	USA