Insulation and Asbestos Abatement Coatings

BAKOR		HEAVY DUTY PROTECTION					LAGGING FINISHES		ASBESTOS ABATEMENT	
PRODUCT		100-14	110-14	810-18	THERMOSKIN™	FOILSKIN®	120-09	120-18	120-19	
TYPE		Asphalt emulsion (water-based)	Asphalt solvent	Aluminum asphalt solvent	Self-adhered weather barrier membrane	Self-adhered weather barrier membrane	Resin emulsion coating (water-based)	Resin emulsion coating (water-based)	Resin emulsion (water-based)	
USE		Hot service weatherproofing for ducts, insulated lines, vessels, etc.	Cold service or low temperature weatherproofing for ducts, insulated lines, vessels and equipment	Cold service or low temperature weatherproofing for ducts, insulated lines, vessels and equipment	Use as a jacketing system over insulated pipes, plenums, underground pipes, air/vapour and weather barrier	Use as a jacketing system over insulated pipes, plenums, underground pipes, air/vapour and weather barrier	Lagging coatings for insulated piping, vessels, equipment and ducts	Lagging coatings for insulated piping, vessels, equipment and ducts	Use as a bridging encapsulent for asbestos insulation	
SELECTION FEATURES		 Breather coating Environmentally friendly Odourless Smooth workability Non-flowing at elevated temperatures 	Excellent chemical resistance Low permeability for cold service Superior vapour and weather resistance	Decorative, reflective Meets or exceeds ASTM D2824, CAN/CGSB 37.42-M Excellent vapour barrier Excellent weather barrier	White laminate UV resistant Does not promote mold growth Flexible at low temperatures SBS modified membrane	Aluminum faced SBS modified membrane Flexible at low temperatures UV resistant Does not promote mold growth	Fire resistive Decorative Contains fungicide Indoor/outdoor use	Similar to 120-09 Contains fungicide Indoor use only Economy grade	Fire resistive Washable finish Contains fungicide Resists impact fracture Meets CAN/CGSB-1.205-9, Type II Indoor/outdoor use	
WATER VAPOUR PERMEANCE		Breather	0.02 perms @ 1/8" wet film	0.02 perms @ 1/8" wet film	0.05 perms	0.05 perms	Breather	Breather	Breather	
FIRE RESISTIVITY* (Dry tested to CAN/ULC-S102)	Wet Dry	YES NO	NO NO	NO NO	NO NO	NO NO	YES FSC1=6 SD=11	YES FSC1=0 SD<5	YES FSC1=10 SD=19	
APPLICATION TEMPERATURE		5°C (40°F) minimum	5°C (40°F) minimum preferred	5°C (40°F) minimum	-5°C (25°F) minimum	-5°C (25°F) minimum	7°C (45°F) minimum	7°C (45°F) minimum	5°C (40°F) minimum	
SERVICE TEMPERATURE		-40°C to 95°C (-40°F to 203°F)	-40°C to 95°C (-40°F to 200°F)	-30°C to 80°C (-20°F to 175°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-35°C to 95°C (-30°F to 185°F)	-35°C to 95°C (-30°F to 185°F)	-35°C to 85°C (-30°F to 185°F)	
COLOUR		Black	Black	Aluminum	White	Aluminum Face	White/Black	White	White	
APPLICATION METHOD										
TROWEL		YES	YES	YES						
BRUSH		YES					YES	YES	YES	
SPRAY		YES	YES	YES					YES	
SELF-ADHERED					YES	YES				
INSULATION TYPE										
CALCIUM SILICATE		YES	YES	YES			YES	YES	YES	
POLYSTYRENE		YES	NO	NO	YES	YES	YES	YES	YES	
URETHANE		YES	YES	YES	YES	YES	YES	YES	YES	
FIBREGLASS		YES	YES	YES	YES	YES	YES	YES	YES	
FOAMGLASS		YES	YES	YES	YES	YES	YES	YES	YES	
MINERAL FIBRE		YES	YES	YES	YES (FACED)	YES (FACED)	YES	YES	YES	
POLYISOCYANURATE		YES	YES	YES			YES	YES	YES	
PHENOLIC		YES	YES	YES			YES	YES	YES	

INSULATION COATINGS AND ADHESIVES SELECTION CHART

Insulation Coatings

Asbestos Abatement Coatings

Insulation Adhesives

Duct Sealants



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Insulation Adhesives and Duct Sealants

BAKOR	RIGID INSULATION		
PRODUCT	230-21		
TYPE	Synthetic rubber based insulation adhesive		
USE	Bonds polystyrene, cork, polyurethane, glass foam, to itself, concrete, masonry wood or metal surfaces. Also used as a vapour barrier in full coat application		
SELECTION FEATURES	 Smooth spreading adhesive High initial strength, sets rapidly Meets: CAN/CGSB-71-GP-24M Type II 		
WATER VAPOUR PERMEANCE	0.03 perms @ 1/8" wet film		
FIRE RESISTIVITY* (Dry tested to CAN/ULC-S102) We Dry			
APPLICATION TEMPERATURE	-12°C to 40°C (-10°F to 100°F)		
SERVICE TEMPERATURE	-45°C to 70°C (-50°F to 160°F)		
COLOUR	Cream		
APPLICATION METHOD			
TROWEL	YES		
BRUSH			
SPRAY			
DUCT LINER MACH			
INSULATION TYPE	_		
CALCIUM SILICATE	YES		
POLYSTYRENE	YES		
URETHANE	YES		
FIBREGLASS	YES		
FOAMGLASS	YES		
MINERAL FIBRE	YES		
POLYISOCYANURATE	YES		
PHENOLIC	YES		

LOW DENSITY or BLANKET INSULATION								
200-38	220-05	230-06	230-38	830-05 Fire resistive rubber resin (solvent based)				
Rubber asphalt, emulsion (water-based)	Non-flammable (water-based)	Fire resistive (solvent based)	Fire resistive synthetic rubber based adhesive (solvent based)					
Used for bonding blanket or low density insulation board to ducts, panels or equipment	Used for bonding low density fiberous glass insulation to metal in the fabrication of ductwork and HVAC installations	Used for sealing laps of vapour barrier jackets on thermal insulation. Can bond low density insulation to metal ducts	Used to bond lightweight insulation materials to ductwork and equipment. Also used as a primer for self-adhered membranes during cold weather	Used for bonding light weight insulation materials to metal wall installations or ductwork. Also used for laminating insulation to various construction materials				
e Environmentally friendly apid setting o solvent odours on-flammable in wet state ood aging • Environmentally friendly • Rapid setting • Dry film is waterproof • Non-flammable in wet state • Dries to a tacky, flexible film • Low VOC		 Quick setting Pressure sensitive Fire resistive when dry Clear	 Used on metal surfaces only Quick setting Fire resistive when dry Non-flammable when wet 	Fire resistive Bonds polystyrene or fibreglass to steel or wood Rapid setting Meets: ASTM C916, Type IV				
N/A	N/A	N/A	N/A	N/A				
NO FSC1=16 SD=43	NO LOW FLAME SPREAD	NO YES	NO FSC1=3 SD=5	NO FSC1=7 SD=6				
5°C (40°F) minimum	5°C (40°F) minimum	-5°C (25°F) minimum	5°C (40°F) minimum	-18°C to 35°C (0°F to 95°F)				
-30°C to 60°C (-22°F to 140°F)	-30°C to 60°C (-22°F to 140°F)	-30°C to 50°C (-22°F to 122°F)	-30°C to 60°C (-22°F to 140°F)	-40°C to 70°C (-40°F to 160°F)				
Black	White	Clear	Light Blue	Blue				
YES	YES	YES						
YES	YES	YES	YES	YES				
	YES	1.22	YES	YES				
YES	YES	NO	YES	YES				
YES	YES	NO	NO	YES				
NO	NO	NO	YES	YES				
YES	YES	YES	YES	YES				
YES	YES	YES	YES	YES				
YES YES		YES	YES	YES				
YES	YES	NO	YES	YES				
YES	YES YES		YES	YES				

DUCT SEALANTS

DUCK-SEAL

A polymeric emulsion duct sealer (water-based)

Used to prevent pressure loss on joints and seams on metal ductwork of air distribution systems with pressures up to 300mm (12") water

- Environmentally friendly
- Non-flammable during application
- Freeze-thaw stable (3X)
- High pressure resistance

N/A

YES FSC1=7 SD<5

> 5°C (40°F) minimum

-30°C to 65°C (-22°F to 150°F)

Grey

YES