PLAINTIFF'S EXHIBIT

BIR-419



P. O. Box 72

SHREVEPORT, LA. 71161

April, 1983

P R O D U C T L I N E

Bird
PRODUCT LINE - SHREVEPORT, LA.

PRODUCT GROUPS G

Architect 80 Shingle 12" x 36"	Beechwood Cypresswood Driftwood Ebonywood Oakwood Weatherwood		80 Units per Sq. Approx. 285 Lbs. per Sq. 4 Bundles per Sq. 30 Bundles per Pallet Class "A" U/L ASTM D-3018
Hip and Ridge ARCHITECT 80 Shingle	Beechwood Cypresswood Driftwood Ebonywood Oakwood Weatherwood		12" x 36" Scored Strips 4 Units 9" x 12" Each Approx. 73 Lbs. per Bdl. 108 Pcs. per Bdl. 40 Bdls. per Pallet Covers 45 Lin. Ft. (5" Exposure)
Jet 80 Shingle 12" x 36"	Acorn Granite Gray Mahogany Moire Black White Wood Blende		80 Units per Sq. Approx. 210 Lbs. per Sq. 3 Bundles per Sq. 40 Bundles per Pallet Class "A" U/L ASTM D-3018
Firescreen Shingle 12" x 36"	Acorn Bark Blende Brown Blende Colonial Green Desert Brown Gray	Mahogany Meadow Mist Moire Black Weather Blende White Wood Blende	80 Units per Sq. Approx. 210 Lbs. per Sq. 3 Bundles per Sq. 40 Bundles per Pallet Class "A" U/L ASTM D-3018
Universal Hip and Ridge Shingle	Acorn Bark Blende Brown Blende Colonial Green Desert Brown Dove/Gray Granite Gray	Mahogany Meadow Mist Moire Black Suntan Weather Blende White Wood Blende	12" x 36" Scored Strips 4 Units 9" x 12" Each Approx. 73 Lbs. per Bdl. 108 Pcs. per Bdl. 40 Bdls. per Pallet Covers 45 Lin. Ft. (5" Exposure)

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PRODUCT GROUPS S

Woodscape Shingle 12" x 36"	Acorn Dove Mahogany Suntan	84 Units per Sq. Approx. 255 Lbs. per Sq. 4 Bundles per Sq. 40 Bundles per Pallet Class "C" U/L
Wind Seal Shingle 12" x 36"	Acorn Bark Blende Mahogany Moire Black Weather Blende White Wood Blende	80 Units per Sq. Approx. 235 Lbs. per Sq. 3 Bundles per Sq. 40 Bundles per Pallet Class "C" U/L

NAIL REQUIREMENTS FOR SHINGLES

Shingles	No. of Nails per square	Approx. Pounds of 11-12 gauge Galvanized nailes required per square		
		1½" Nail	1½" Nail	1-3/4" Nail
Jet 80 4 Nails per strip	320	1½	1-3/4	2-1/5
Wind Seal 4 Nails per strip	320	1½	1-3/4	2-1/5
Architect 80 4 Nails per strip	320	1½	1-3/4	2-1/5
Woodscape 4 Nails per strip	336	1½	1-3/4	2-1/5
Glass Bilt Firescreen 4 Nails per strip	320	1½	1-3/4	2-1/5

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PRODUCT GROUPS R		
90# Mineral Surfaced 36" (Roll Roofing) (Valley Roll) No Selvage	Acorn Black Brown Blende Colonial Green White Wood Blende	Approx. 90 Lbs. per Roll 108 Sq. Ft. per Roll 36 Lin. Ft. per Roll 20 Rolls per Pallet ASTM D-249
Neponset Cap Sheet Mineral Surfaced	Black Snow	1/2 Sq. Roll Approx. 60 Lbs. per Roll Class "C" U/L 20 Rolls per Pallet ASTM d-371
Paroid 36" Smooth Surface	Gray	Approx. 65 Lbs. per Roll 108 Sq. Ft. per Roll 36 Lin. Ft. per Roll 25 Rolls per Pallet ASTM D-224, Type II
PRODUCT GROUPS F	ASPHALT FELT	
Asphalt Felt No. 15 Plain 36"		4 Sq. Roll Approx. 60 Lbs. per Roll 432 Sq. Ft. per Roll 20 Rolls per Pallet
Asphalt Felt No. 30 Plain 36"		2 Sq. Roll Approx. 60 Lbs. per Roll 216 Sq. Ft. per Roll 20 Rolls per Pallet
Shingle Underlayment 36"		4 Sq. Roll Approx. 45 Lbs. per Roll 432 Sq. Ft. per Roll 25 Rolls per Pallet

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PRODUCT GROUPS B	BUILT-UP ROOF PRODUCTS	
Asphalt Felt No. 15 Perforated 36"		4 Sq. Roll Approx. 60 Lbs. per Roll 432 Sq. Ft. per Roll 20 Rolls per Pallet
Bonded Base Sheet 36" For Hot or Cold Application		2 Sq. Roll - 3" Lap Approx. 86 Lbs. per Roll Type 15 B-U U/L 20 Rolls per Pallet ASTM D-2626, Type I
Reinforced Asbestos Flashing Sheet		1 Sq. Roll Approx. 50 Lbs. per Roll 108 Sq. Ft. per Roll 25 Rolls per Pallet
Rosin Sized Sheathing Paper		Approx. 20 Lbs. per Roll 500 Sq. Ft. per Roll
Asphalt Saturated Fabric 36"		Approx. 40 Lbs. per Roll 450 Sq. Ft. per Roll

PRODUCT GROUPS T-60	ASPHALT COMPOUND	
Asphalt	Flat Steep Level Deck^{R} Bitumen	AVAILABLE Under Published Prices, Terms and Conditions Subject to Stock Available at Refineries

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PRODUCT GROUPS CEMENTS AND COATINGS			
Reflecto-Coat™ Aluminum Surfacing	New formula reflective coating. Lowers interior temperatures by reflecting solar heat. Easy to apply brush or spray. Use over surface coated with asphalt emulsion or mineral surfaced roofing in good condition.	Also for metal roofs, concrete or masonry. Use on mobile and truck-trailer roofs. Coverage - Approx. 1 gallon per 100 Sq. Ft. ASTM D-2824	Container size 1 gal. Packaged per case 6 cans Approx. wt. per pkg. 60 Lbs. Pricing Unit Gal. - - - - Container size 5 gals. Approx. wt. per pkg. 48 Lbs. Pricing Unit Gal. 45 Pails per Pallet
No. 56 Fibre Roof Coating (Fibrated)	Reinforced with asbestos fibre - protects asphalt or metal roofing, dampproofing concrete in home, farm or factory. Coverage - 1 to 2 gallons per 100 sq. ft. ASTM D-2823	Container size 1 gal. Packaged per per case 6 cans. Approx. wt. per - - - - Container size 5 gals. Approx. wt. per pkg. 46 Lbs. Pricing Unit Gal. 45 Pails per Pallet	Container size 52 gals. Approx. wt. per pkg. 470 Lbs. Pricing Unit Gal.
Asphalt Protective & Foundation Coating	Black, Non-Fibrated ASTM - None	Container size 1 gal. Packaged per case 6 cans Approx. wt. per case 46 lbs. Pricing Unit Gal.	Container size 5 gals. Approx. wt. per pkg. 38 Lbs. Pricing Unit Gal. 45 Pails per Pallet
Asphalt Plastic Cement	Indispensable for Flashings around Chimneys, Sidewalls, Vent Pipes, Skylights and General Caulking. Will make any valley tight. ASTM D-2822	Container size 1 qt. Packaged per case 12 cans Approx. wt. per pkg. 36 lbs. Pricing Unit Gal. - - - - Container size 1 gal. Packaged per case 6 cans Approx. wt. per pkg. 66 lbs. Pricing Unit Gal.	Container size 5 gals. Approx. wt. per pkg. 55 lbs. Pricing Unit Gal. 45 Pails per Pallet - - - - Container size 52 gals. Approx. wt. per pkg. 585 lbs. Pricing Unit Gal.

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PRODUCT GROUPS CEMENTS AND COATINGS			
Concrete Roof Primer	Fed. Spec. SS-A-701B. ASTM D-41-73. Pure asphalt-base primer for building a bonding foundation on concrete decks or walls. Use as first coat befoe application of bonding agent under a built-up roof. Use also under application of roof coatings or other asphalt coatings. Sets in an hour under average conditions. Coverage - approximately 1 gallon per sq.		Container size 5 gals. Approx. wt. per pkg. 44 lbs. Pricing Unit Gal. 45 Pails per Pallet
Special Flashing Compound	Premium quality for bonding and sealing flashings in professional roof construction. Holds flashing firmly in place and sets quickly. Will not slip or pull loose. Coverage: Approximately 12½ sq. ft. 1/8" thick per gallon	Container size Cartridge Packaged per case 24 cartr. Approx. wt. per pkg. Pricing Unit Gal.	Container size 5 gals. Approx. wt. per pkg. 44 lbs. Pricing Unit Gal. - - - - Container size 52 gals. Approx. wt. per pkg. 515 lbs. Pricing Unit Gal.
Buca® Adhesive Cement	Heavy bodied asphaltic base cement. Quick setting. Recommended for cold process built-up roof construction, instead of hot asphalt, for bonding the plies together. Coverage - 2 gallons per 100 square feet per brushing between plies.		Container size 1 gal. Packaged per case 6 cans Approx. wt. per pkg. 56 lbs. - - - - Container size 5 gals. Approx. wt. per pkg. 44 lbs. Pricing Unit Gal. 45 Pails per Pallet
Waterdyke® Asphalt Emulsion	Specially formulated for use on dead level roofs or those subject to severe moisture conditions. ASTM D-1227, Type I		Container size 5 gals. Approx. wt. per pkg. 47 lbs. Pricing Unit Gal. 45 Pails per Pallet

ROOFING GRANULES

Minimum 20 ton order. Prices on request. F. O. B. Mill. No Freight Allowance.

BIRD 011514