PRODUCT BULLETIN GYPSUM PRODUCTS	GYPSUM BACKERBOARD 5/8" ACOUSTIBAK (UL) 5/8" LATH, TYPE X	BULLETIN NO: B-9 DATE: 9/22/70 PAGE: 1 of 3
APPROVALS:	ASTM C442	CANCELS: B-9 DATE: 7/9/69

PRODUCING PLANTS: Long Beach, Antioch, Seattle, Rosario, Jacksonville and Delanco

Core Formula: (Pounds per MSF)		Long Beach	Antioch	Seattle	Rosario	Jack-sonville	Delanco
Board Stucco	(S-1, S-2)	1800-2050	1800-2050	1800-2050	1800-2050	1800-2050	1800-20
Paper Fiber	(B-G-1)	10-15	10-15	10-15	10-15	10-15	10-15
Glass Fiber	(B-G-1)	6.0-6.5	6.0-6.5	6.0-6.5	6.0-6.5	6.0-6.5	6.0-6.
Starch	(RM-B-11)	9.0-12.5	9.0-12.5	9.0-12.5	9.0-12.5	9.0-12.5	9.0-12.
Dextrose	(RM-B-3)	0-3	0-3	0-3	0-3	0-3	0-3
Core Foaming Agent:							
ALS	(B-G-1)	0.2-1.0	-	-	0.2-1.0	0.2-1.0	0.2-1.0
AAS	(B-G-1)	-	0.2-1.0	0.2-1.0	-	-	-
Lignin	(B-G-1)	2.5-4.0	0-4.0	5.0-8.0	2.5-4.0	2.5-4.0	5.0-8.0
End Trim	(B-G-1)	20-35	10-30	20-35	None	20-35	20-35
Potassium Sulfate	(B-G-1)	0.5-2.0	0-2.0	0.5-2.0	None	0.5-2.0	0.5-2.0
Retarder	(B-G-1)	None	0-0.5	None	0-0.8	None	None
Hydrated Lime	(RM-P-3)	0-1.2	0-1.2	0-1.2	0-1.2	0-1.2	0-1.2

Notes: 1. Formula shall conform to UL File No. R3543, Section 2.

Paper Liners: Grade #62 Coreboard Paper on both sides. (RM-B-1-A, B, C) Greyback paper Grade #62 may be used on back of 4' wide Acoustibak.

OPERATING SPECIFICATIONS: (Refer to Process Bulletin B-G-2 for General Specification)

1. Slurry Setting Time, minutes 2 - 4-3/4
2. Wet Slurry Weight, (pounds per c.f.) 73 - 82
3. Wet Compressive Strength, p.s.i. 285 - 450
4. Edges - Tongue and Groove for 24" nominal width.
   Tongue and Groove or Square for 48" width.

*Denotes change or addition.

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OPERATING SPECIFICATIONS: (Continued)

5. Liner Absorption Correction - If required, apply a 0.5 to 1.0 percent solution of wetting agent to the back and face of the Lath (See Process Bulletin BG-4). Liner absorption test results shall not exceed 300 seconds.

PRODUCT SPECIFICATIONS: (Refer to Product Bulletin BG-4 for General Specifications.)

Wet Weight	(Lbs/MSF)	3460 - 3780
Dry Weight	(Lbs/MSF)	2380 - 2550 2450 Average
Evaporation Loss	(Lbs/MSF)	1150 - 1350
Thickness - Average	(Inch)	.605-.630
Thickness - Individual Reading	(Inch)	±.010 From Average
Edges	2' Wide	Tongue & Groove
Edges	4' Wide	Tongue & Groove or Square
Edge Hardness at Take-Off	(Pounds)	8.0 Minimum
End Peel After Sawing	(Inch)	1/8 Maximum
Flexural Strength, Minimum		
Across Grain	(Pounds)	165
Parallel	(Pounds)	62
Deflection at Break, Minimum		
Across Grain	(Inch)	0.25
Parallel	(Inch)	0.15
Punch Test	(Pounds)	900 - 1500
Twist Test, Maximum Split		
Face	(Inch)	3/4
Back	(Inch)	3/4
Hammer Loss Test, Individual Test	(Decigrams)	5 Maximum

*Denotes changes or additions.

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PRODUCT SPECIFICATIONS: (Continued)

Bond at High Humidity, Maximum Peel		
Face	(Inch)	1/2
Back	(Inch)	1/2
Absorption Rate, Face & Back	(Seconds)	300

Face Printing Shall Read: 5/8" KAISER TYPE X

BUNDLING:

1. Bundle 5/8" Acoustibak with appropriate 5/8" Acoustibak bundling tape with UL labels.
2. Bundle 5/8" x 24" wide T & G Lath, Type X, with "Fireproof Gypsum One Hour" tape and stamp tape in the appropriate blank, "Plain Lath".

*Indicates changes or additions.

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