

# MULTNOMAH COUNTY PLANNING COMMISSION

## COMMERCIAL BUILDING PERMIT APPLICATION

☐ NEW CONSTRUCTION ☒ ALTERATION

Size \_\_\_\_\_ Height 9' 6" Stories Basement  
& Upper Level

Valuation 1282.00

Address 12727 S.E. Market

Between Market and 127th

Legal Description \_\_\_\_\_

Lot 10 Blk \_\_\_\_\_ Add'd Vivian Add.

Owner Church of the Brethren

Address 12727 S.E. Market

Builder Johnson Acoustical

Address 1101 S.E. Salmon

Plans by \_\_\_\_\_

☐ -Architect ☐ -Engineer ☐ -Designer ☐ -Owner

Lot Size: Width 201.85 Depth 65' 0"

\_\_\_\_\_ sq. ft. \_\_\_\_\_ Acres

Off-Street Parking: No. Spaces \_\_\_\_\_

Surfacing: ☐ -Asphalt ☐ -Gravel

Cons't Type ☐ -Frame ☒ -Block ☐ -Rein. Conc.

☐ -Pre-Fab (metal) (wood) ☐ -Other \_\_\_\_\_

Sewage Disposal: ☐ -Cess Pool ☐ -septic Tank

☐ Sewer \_\_\_\_\_

Heating: ☐ -Oil ☐ -Gas ☐ -Elec. ☐ -Other \_\_\_\_\_

Type \_\_\_\_\_

Description This suspended ceiling  
(Per plan) is in the basement area-  
reflected plan of ceiling attached  
no light fixtures shown as they  
will be placed by others.

Use of Building  
Fellowship Hall - Kitchen  
Aid rooms used in the usual  
course of church business and all  
modules exactly the same as shown  
on attached plan.

PLOT PLAN:

Permit No. 137273

Fee 900

Receipt No. 35436

Zone R-7

Map No. 3143

Neighborhood \_\_\_\_\_

School Dist. \_\_\_\_\_

Fire Dist. \_\_\_\_\_

Park Dist. \_\_\_\_\_

Sewer Dist. \_\_\_\_\_

Water Dist. \_\_\_\_\_

Health Dept. Appr.

By \_\_\_\_\_

Date \_\_\_\_\_

Roadmaster Appr.

By \_\_\_\_\_

Date \_\_\_\_\_

State Fire Marshall

Appr. by \_\_\_\_\_

Date \_\_\_\_\_

Zoning Appr.

By 5

Date 5

Building Plans Appr.

By 7/25/65

Date 7/25/65

Issued

By 7/30/65

Date 7-30-65

I agree to build according to above description, plans and specifications  
and that all work is to conform with all applicable code and orders of  
Multnomah County.

Date: 7/25/65 Signed \_\_\_\_\_

B. P. Stumm

Phone

234-8415

*no change*

## Armstrong MINABOARD

### HIGH-DENSITY INCOMBUSTIBLE ACOUSTICAL LAY-IN UNIT

Armstrong Minaboard is an incombustible, efficient acoustical lay-in unit for installation in exposed grid suspended ceilings. It is unshale, repaintable, and easy to install. Its special density and composition give it excellent resistance to sound transmission and to "breathing," the passage of dirt laden air through the board.

#### Attractive designs

Minaboard is available in both Classic and Fissured designs. Classic Minaboard has an attractive lace-like pattern of different-size perforations. Fissured Minaboard offers the traditional fissured ceiling beauty associated with acoustical tile ceilings. For a coordinated ceiling, Minaboard can be matched up in different areas of the same building with the Armstrong ventilating, fire-retardant, mineral fiber, and wood fiber tiles with identical designs.

Both Classic and Fissured Minaboard are available as a Ventilating Ceiling. In addition to offering the advantages of regular Minaboard, this material serves as an inlet system for the uniform distribution of air through the entire ceiling. Ventilating Minaboard replaces a network of ducts and an array of diffusers—because the ceiling itself distributes the air. For more information and specifications on Ventilating Minaboard and other Armstrong Ventilating Ceilings, contact your nearest Armstrong District Office or your Armstrong representative.

#### Rated incombustible

Minaboard carries the Underwriters' Laboratories, Inc., Label and is rated Class A (Incombustible) under the Flame Resistance section of Federal Specification SS-A-118b. It has a Class I Flame Spread rating according to the ABA Tunnel Test method.

#### Acoustically efficient

Minaboard has a noise-reduction coefficient specification range of .65-.75. (See table on reverse side for coefficients at specific frequencies.)

#### Fast, economical installation

Large, lightweight lay-in units are installed quickly in an exposed grid system which supports the panels on all four sides. Special toughening agents have been blended with the mineral fiber to produce a rigid, high-strength panel that is easy to handle.

#### Easy accessibility

The lay-in units provide 100 per cent accessibility. Each Minaboard unit can be lifted out in seconds to gain access to pipes, ducts, and electrical equipment.

#### High light reflectance

Minaboard's white paint finish reflects light evenly, without glare, and has an ABA light reflectance value of "a" (75% or over).

#### High insulation value

Armstrong Minaboard is an efficient insulation. Its C factor is .65 at 70° F.

#### Easy maintenance

Minaboard can be washed when necessary and can be repainted without appreciably affecting acoustical efficiency. In extensive tests, where the wall enamel was sprayed, brushed, and rolled on Minaboard. Even after four coats, the maximum noise-reduction coefficient loss was less than 2 per cent. A low-density board lost more than half its acoustical efficiency after one coat when tested by the same procedure.

#### Helps minimum room-to-room sound transmission

The special density and composition of Minaboard provide excellent resistance to room-to-room sound transmission through the suspended ceiling—much higher than that offered by low-density ceiling boards. The average room-to-room attenuation factor for 1/2" Armstrong Minaboard is 40.5 db. (See table on the reverse side for values at each of eleven frequencies.)

This property is of particular importance in construction with ceiling height movable partitions. With Minaboard, there is no need to extend the partitions upward to the slab (thus eliminating their main advantage—mobility) or to place backer board behind the lay-in units (increasing costs and limiting accessibility).

#### Sizes (nominal)

Fissured and Classic Minaboard are available in nominal sizes of 24 x 24 x 1/2", 24 x 36 x 1/2", and 24 x 48 x 1/2". Classic Minaboard is also available in 24 x 24 x 1/4", 24 x 48 x 1/4" and 24 x 60 x 1/4" units. In addition, a Special Textured Paint Finish Minaboard is available in a 24 x 48 x 1/2" unit.

Ventilating Classic Minaboard is available in 24 x 24 x 1/2" and 24 x 48 x 1/2" units; Ventilating Fissured Minaboard in 24 x 24 x 1/2" units.

# Sound-absorption coefficients of Armstrong Minaboard

37278

Mounting	Thickness	125 cycles	250 cycles	500 cycles	1000 cycles	2000 cycles	4000 cycles	N.R.C. specification range	Light reflection coefficient
(7) Mechanically supported	1/4" Classic	.40	.50	.61	.92	.82	.57	.65-.75	a
	1/4" Classic	.39	.56	.72	.90	.72	.59	.65-.75	a
	1/4" Fissured	.46	.44	.58	.78	.80	.74	.65-.75	a

## Room-to-room attenuation factors for Armstrong Minaboard—in decibels

Thickness	125 cycles	177 cycles	250 cycles	354 cycles	500 cycles	707 cycles	1000 cycles	1414 cycles	2000 cycles	2628 cycles	4000 cycles	Average attenuation factor
1/4"	24	31	28	31	35	37	43	50	54	57	56	40.5
1/4"	23	32	28	27	29	30	33	39	42	51	53	35.2

## SPECIFICATIONS FOR ARMSTRONG MINABOARD

### 1. Job Conditions

Acoustical materials shall be installed under conditions as outlined in the "Job Conditions" section of the current Acoustical Materials Association Bulletin, "Sound Absorption Coefficients of Architectural Acoustical Materials."

### 2. Materials

Acoustical material shall conform with the requirements of Federal Specification SS-A-118b and shall be as described in the current ABA Bulletin.

Acoustical material shall be mineral fiber lay-in units.

Armstrong (CLASSIC MINABOARD, FISSURED MINABOARD)—Class A (Incombustible)—Carrying Underwriters' Laboratories, Inc. Label Class I Flame Spread rating according to ABA Tunnel Test method. Factory finished with three coats of washable white paint. Minimum density 16 lbs./cu. ft. Light reflection shall be "a" (75% or over).

Classic design shall have a completely non-directional arrangement of 100" and 950" diameter perforations. Fed. Spec. SS-A-118b, Type II B.

Fissured design—Fed. Spec. SS-A-118b, Type III.

(Minimum sizes available for exposed mechanical suspension system—Mounting #7—Install as per paragraph 3 below)

- 24 x 24 x 1/4" (Classic)
- 24 x 48 x 1/4" (Classic)
- 24 x 24 x 1/4" (Fissured, Classic)
- 24 x 36 x 1/4" (Fissured, Classic)
- 24 x 48 x 1/4" (Fissured, Classic, Special Textured Paint Surface)
- 24 x 60 x 1/4" (Classic)

### 3. Installation

Mechanical suspension system shall be exposed grid system. The exposed suspension members shall be in widths and installed in the pattern as shown on drawings. Exposed members shall be (1) painted white or (2) finished in aluminum.

Acoustical units shall be placed on flanges of suspended members.

Mechanical suspension system shall be installed by direct suspension from the structural ceilings by hangers OR mechanical suspension system shall be clipped to 1 1/4" channels (finished and installed by others).

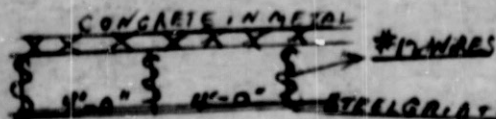
JOHNSON ACOUSTICAL & SUPPLY CO.  
1101 S. E. Salmon St.  
Portland 14, Oregon  
BE 4-8415



CLASS "A" INCOMBUSTIBLE ACOUSTICAL TILE

FELLOWSHIP HALL  
Scale 1/8"=1'

VERTICAL



Flang Klamps  
Ridged Grid System

As Per Design #13 - The  
Specified int. ins. (January - 1964)

CHURCH OF THE BRETHREN  
S.E. 12TH. & MARKET

WILSONIAN COUNTY  
BUILDING DEPARTMENT

6-28-55 JUL 30 1955

This drawing is intended to be approved by the  
building department and construction of the  
structure and providing work not included  
herein and specifications shall be in  
accord with the building code.  
PRINTED BY 37278