

OFI Series

OFI-48 3 lb Rigid Fibre Glass Board

► Specification Data

Description

OFI-48 is a resin-bonded thermo-set glass fibre insulation manufactured in rigid board form. OFI-48 is available in various standard sizes and thicknesses. OFI-48 can be faced with FSK or WMP or black matt facings, neoprene coated, and can be used in both the mechanical and commercial wall insulation markets.

Application

OFI-48 is used in all types of wall applications, including behind pre-cast concrete panels, between concrete shear walls and columns, and other outside surfaces, and in mechanical applications such as all types of equipment, duct work, etc.

OFI-48 can be affixed with pins, adhesives, Z-channels, metal furring strips or clips.

Surface Burning Characteristics ULC Listed (CAN/ULC-S102) UL Listed

Flame Spread	15
Smoke Developed	10

Dimensions

Width	610 mm (24")
Length	1219 mm (48")
Available Thicknesses	25-127 mm (1"-5")

Specifications Compliance

CAN/CGSB-51.10-92 TYPE 1 CLASS 1
Canadian Coast Guard

For non-standard sizes, contact your nearest distributor.

► Performance Data

Properties

Density	48.05 kg /cu.m (3.0 lb/cu.ft)
Thermal Resistance	rsi = .73 /25.4 mm r = 4.17 /in
Limits	not to be used on systems working at temperatures higher than 232°C (450°F)
Non Combustible	CAN/ULC S114-M80

United States
MEA 379-91-M
UL Listed
NYS AI5 Part 1120
Fed. Spec. HH-I-558B
MIL-STD-810-D-508.3
ASTM C553 <1% by volume

Published product property characteristic values are nominal and subject to normal manufacturing tolerances.

Random Incidence Sound Absorption: OFI-48

Freq (hz)	(ASTM C423-90a/F795-93 Type A)			
	25 mm (1")	51 mm (2")	76 mm (3")	102 mm (4")
80	0.03	0.13	0.23	0.55
100	0.03	0.19	0.29	0.69
125	0.05	0.21	0.42	0.92
160	0.08	0.33	0.78	1.17
200	0.13	0.50	1.02	1.24
250	0.25	0.76	1.21	1.24
315	0.36	0.94	1.29	1.23
400	0.52	1.10	1.30	1.22
500	0.66	1.16	1.27	1.19
630	0.81	1.17	1.20	1.16
800	0.91	1.17	1.15	1.13
1000	0.98	1.15	1.14	1.10
1250	1.00	1.12	1.10	1.11
1600	1.04	1.11	1.10	1.11
2000	1.04	1.09	1.09	1.09
2500	1.04	1.06	1.06	1.06
3150	1.04	1.09	1.07	1.06
4000	1.07	1.09	1.07	1.06
5000	1.07	1.11	1.08	1.06
6300	1.07	1.06	1.09	1.08
Noise Reduction Coefficient (NRC)	0.75	1.05	1.20	1.15



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