

SPECIFICATION GUIDE


**Ottawa
Fibre
L.P.**

OFI-40 Rigid Fibre Glass Insulation

**CONTAINS
OVER 65%
RECYCLED
GLASS**



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GROUND FLOOR PLAN

Specifications Data

Description

OFI-40 is a resin-bonded thermo-set glass fibre insulation manufactured in rigid board form. OFI-40 is available in various standard sizes and thicknesses. OFI-40 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-40 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-40 can be affixed with pins, adhesives, Z-channels, metal furring strips or clips.

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

Flame Spread	15
Smoke Developed	10

Dimensions

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

Specifications Compliance

CAN/CGSB-51.10-92 TYPE 1 CLASS 1

For non-standard sizes, contact your nearest distributor.

Performance Data

Properties

Density	40 Kg/cu.m (2.5 lbs/cu.ft.)
Thermal Resistance	rsi = 0.76/25.4mm r = 4.3/in k = 0.23 k(SI) = 0.033
Limits	not to be used on systems working at temperatures higher than 232°C (450°F)
CAN/ULC S114	OFI-40 is non-combustible

Random Incidence Sound Absorption: OFI-40

(ASTM C423-90a/E795-93 Type A)		
Freq (hz)	Sound Absorption Coefficients	
	25mm (1")	51mm (2")
80	0.03	0.09
100	0.03	0.11
125	0.05	0.21
160	0.08	0.44
200	0.13	0.59
250	0.25	0.79
315	0.36	1.04
400	0.52	1.17
500	0.66	1.21
630	0.81	1.22
800	0.91	1.19
1000	0.98	1.14
1250	1.00	1.13
1600	1.04	1.11
2000	1.04	1.09
2500	1.04	1.07
3150	1.04	1.07
4000	1.07	1.07
5000	1.07	1.08
6300	1.07	1.10
Noise Reduction Coefficient (NRC)	0.75	1.05

