



KIMMCO

A subsidiary of
Alghanim
INDUSTRIES



MANUFACTURED
UNDER LICENCE OF
ISOVER
SAINT-GOBAIN



KIMMCO BUILDING ROLL (KBR) Light Weight, No Sagging Nor Settling

DESCRIPTION

KIMMCO building rolls are manufactured from stable glass fibers bonded with thermosetting resins. They are light in weight, strong, resilient and easy to handle.



FACINGS

Unfaced
Or
Faced with

- White Vinyl
- FSK (Glass reinforced aluminium Kraft Laminate)
- Glass Tissue
- Metallized Polyester

STD. DIMENSIONS

Thickness (mm):
25, 40, 50, 75, 100.

Width (m):
0.4, 0.6, 1.0, 1.2.

Length (m):
10 to 45 Based on the Thickness & Density.

DENSITY

KBR 10 - 10 Kg/m³
KBR 12 - 12 Kg/m³
KBR 16 - 16 Kg/m³
KBR 18 - 18 Kg/m³
KBR 20 - 20 Kg/m³
KBR 24 - 24 Kg/m³

APPLICATION

- Thermal and / or acoustic insulation of walls and roofs
- Metal building insulation for Pre- Engineered steel building
- Dry wall partition
- Cavity filling
- Acoustic treatment of plant rooms



PERFORMANCES

WORKING TEMP.

Fiber	230 °C
FSK	100 °C
Vinyl	80 °C
Metallized Polyester	80 °C

THERMAL CONDUCTIVITY

Mean Temperature Deg C	Thermal Conductivity in W/m.k For the Following Densities in Kg/m ³						
	10	12	16	18	20	24	
0	0.038	0.036	0.034	0.032	0.032	0.031	
10	0.04	0.038	0.036	0.035	0.034	0.032	
25	0.044	0.041	0.039	0.038	0.036	0.035	
50	0.055	0.048	0.044	0.043	0.041	0.039	
75	0.064	0.059	0.051	0.048	0.046	0.043	
100	0.074	0.065	0.057	0.053	0.051	0.041	

ACOUSTICS

Product		NRC
Type	Thickness mm	Noise Reduction Coefficient
KBR 12	25	0.55
	50	0.75
	100	1.05
KBR 16	25	0.55
	50	0.8
	75	0.9
KBR 24	25	0.65
	50	0.9

FIRE SAFETY

Base fiber non combustible when tested in accordance with BS 476 (part 4), ASTM E84, 136. It is UL Classified.

MOISTURE ABSORPTION

KIMMCO Building Roll does not absorb moisture from ambient air nor water by capillary attraction. It is less than 1% by volume when tested in accordance with BS 2972 or 6676

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