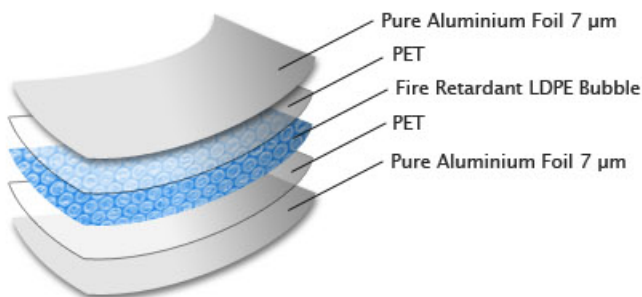




PRODUCT DESCRIPTION

Unicell is double sided bubble foil insulation product with 2 layer of aluminium foil and plastic fire retardant bubble bonded together into one single sheet.



FUNCTION

Unicell is designed to reflect radiant heat from the sun into the building. So roof temperature can be reduced up to 15°C. Unicell also can reduce noise from rain or hall.

APPLICATION



INDUSTRIAL – COMMERCIAL – RESIDENTIAL – AGRICULTURAL

TECHNICAL DATA

Certified by :

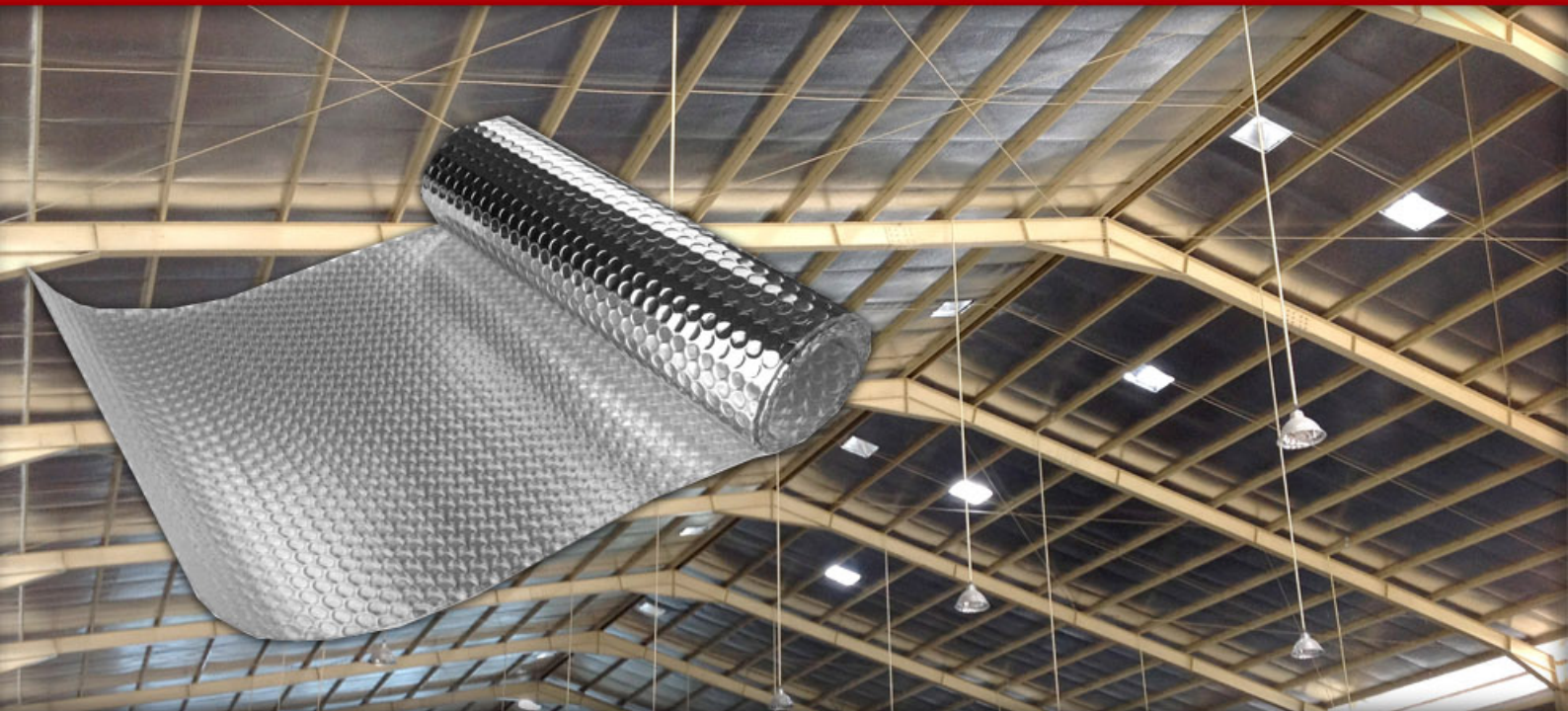


Laboratorium Fisika Bangunan & Akustik
Fakultas Teknologi Industri
Institut Teknologi Bandung



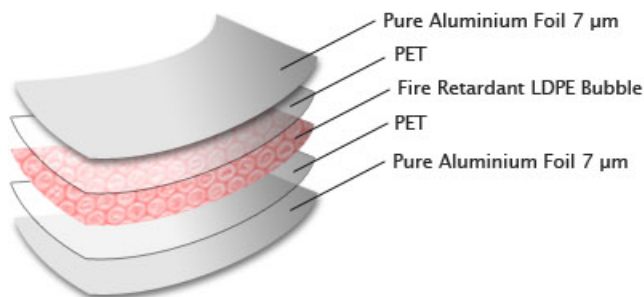
NO	DESCRIPTION	UNIT	UNICELL PREMIUM UC-04BF
1	Nominal Thickness	mm	4
2	Bubble Diameter	mm	10
3	Weight	gsm	275
4	Emissivity (ASTM C-1371)	-	0.03
5	Reflectivity (ASTM C-1371)	-	0.96
6	Tensile Strength (ASTM C-1336)	Kn/m	16.3
7	Tear Strength (ASTM D-1004)	Gf	42.1
8	Scratch Resistance	-	Both sided
9	Corrosion Resistance	-	High Resistance
10	Surface Flame Spread	-	Class 1
11	Vapor Permeability	µ/N.s	0.0009
12	Heat Resistance (R) = under roof	m ² .°C/w	2.97
13	Sound Transmission Class	-	Class 7
14	MIL Standard 810 Salt Fog Test	-	No Defects Observed
15	MIL Standard 810 Humidity Test	-	Doesn't promote growth
16	Evaluation of Fungi and Bacteria growth	-	ASTM D-882, ASTM 1938
17	Standard / Test Method	-	ASTM C 1338-00, ASTM C 1136-92

UniCell^{INSULATION} ULTIMATE



PRODUCT DESCRIPTION

Unicell is double sided bubble foil insulation product with 2 layer of aluminium foil and plastic fire retardant bubble bonded together into one single sheet.



FUNCTION

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APPLICATION



INDUSTRIAL – COMMERCIAL – RESIDENTIAL – AGRICULTURAL

TECHNICAL DATA

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NO	DESCRIPTION	UNIT	UNICELL ULTIMATE UC-08BBF
1	Nominal Thickness	mm	8
2	Bubble Diameter	mm	25
3	Weight	gsm	435
4	Emissivity (ASTM C-1371)	-	0.03
5	Reflectivity (ASTM C-1371)	-	0.96
6	Tensile Strength (ASTM C-1336)	Kn/m	20.5
7	Tear Strength (ASTM D-1004)	Gf	53.3
8	Scratch Resistance	-	Both sided
9	Corrosion Resistance	-	High Resistance
10	Surface Flame Spread	-	Class 1
11	Vapor Permeability	µ/N.s	0.0009
12	Heat Resistance (R) = under roof	m ² .°C/w	3.07
13	Sound Transmission Class	-	Class 7
14	MIL Standard 810 Salt Fog Test	-	No Defects Observed
15	MIL Standard 810 Humidity Test	-	Doesn't promote growth
16	Evaluation of Fungi and Bacteria growth	-	ASTM D-882, ASTM 1938
17	Standard / Test Method	-	ASTM C 1338-00, ASTM C 1136-92

www.unicell-insulation.com

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