



UNION GALVASTEEL

A PHINMA COMPANY



DURATHERM INSULATED PANELS

Sa Tibay at Ganda, PANALO KA!®

ISO 9001:2008
ISO 14001:2004
ISO CERTIFIED COMPANY

MAIN PLANT AND HEAD OFFICE: Chipeco Ave. Ext., Brgy. Real, Calamba City, Laguna
Tel. Nos.: (02) 520 8822 to 23, (02) 520 8830 to 32, (049) 545 0086 to 87 Fax Nos.: (02) 519 4205, (02) 520 8820; (049) 545 2533

www.uniongalvasteel.com.ph

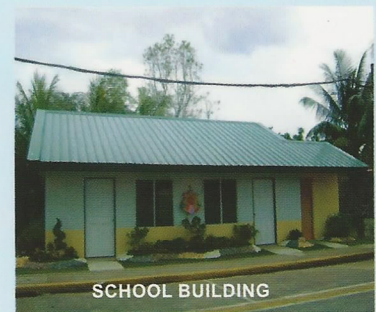
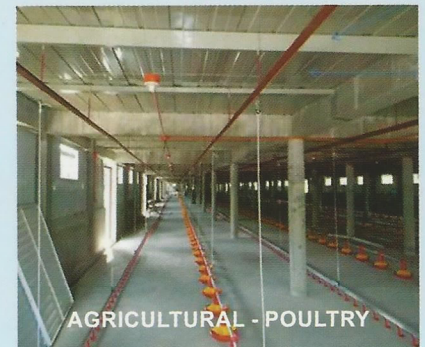
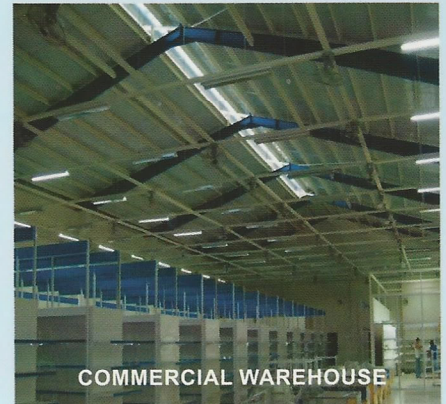


ROOFING PANELS THERMAL PROPERTIES

PANEL THICKNESS (mm)	APPLICATION TEMPERATURE (°C)	THERMAL RESISTANCE, R $\frac{m^2 \cdot ^\circ K}{W}$	THERMAL CONDUCTANCE, C $\frac{W}{m^2 \cdot ^\circ K}$
25	(+)20	1.19	0.84
30	(+)20	1.43	0.70
50	(+)10	2.38	0.42
75	(+)10 ~ (-)10	3.57	0.28

SPECIFICATIONS

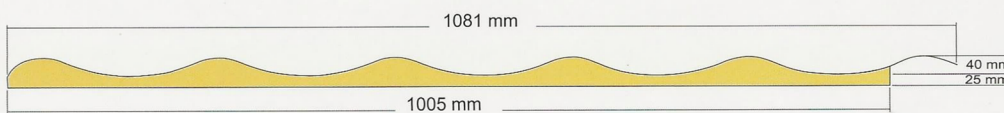
PROPERTY	VALUE	REF. STANDARD
DENSITY	30 kg/m ³ min.	DIN EN ISO 845
THERMAL CONDUCTIVITY	0.021 W/m-°K	DIN EN 12667
INSULATION THICKNESS (t)	25 ~ 75 mm	
SKIN/OUTER MATERIAL	Prepainted galvanized steel or other metallic applicable material	
METAL THICKNESS	0.3 ~ 0.8 mm	
PANEL LENGTH	Transportable length	



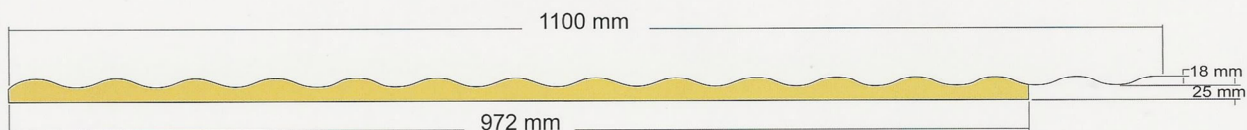
DURARIB PROFILE PANEL



DURATILE PROFILE PANEL



DURACORR PROFILE PANEL



Other profiles available upon request.

ROOFING PANELS THERMAL PROPERTIES

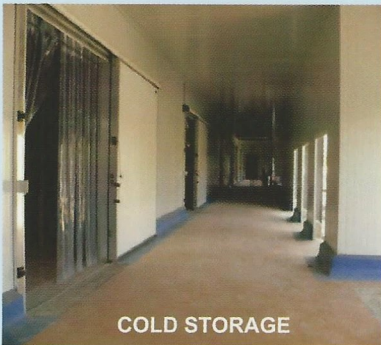
PANEL THICKNESS (mm)	APPLICATION TEMPERATURE (°C)	THERMAL RESISTANCE, R $\frac{m^2 \cdot ^\circ K}{W}$	THERMAL CONDUCTANCE, C $\frac{W}{m^2 \cdot ^\circ K}$
50	(+)10	2.38	0.42
75	(+)10 ~ (-)10	3.57	0.28
100	(-)10 ~ (-)20	4.76	0.21
125	(-)20 ~ (-)30	5.95	0.17
150	(-)30 ~ (-)40	7.14	0.14

SPECIFICATIONS

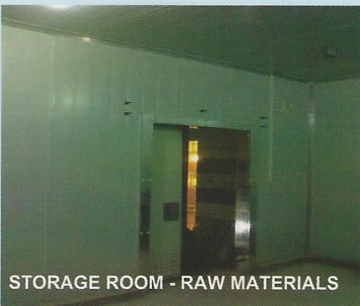
PROPERTY	VALUE	REF. STANDARD
DENSITY	40-45 kg/m ³	DIN EN ISO 845
THERMAL CONDUCTIVITY	0.021 W/m-°K	DIN EN 12667
EFFECTIVE COVERAGE	1157 mm	
INSULATION THICKNESS (t)	50 ~ 300 mm 25 ~ 30 mm (also available upon request)	
SKIN/OUTER MATERIAL	Prepainted galvanized steel or other applicable material	
METAL THICKNESS	0.3 ~ 0.8 mm	
PANEL LENGTH	Transportable length	



CONTROLLED ROOM

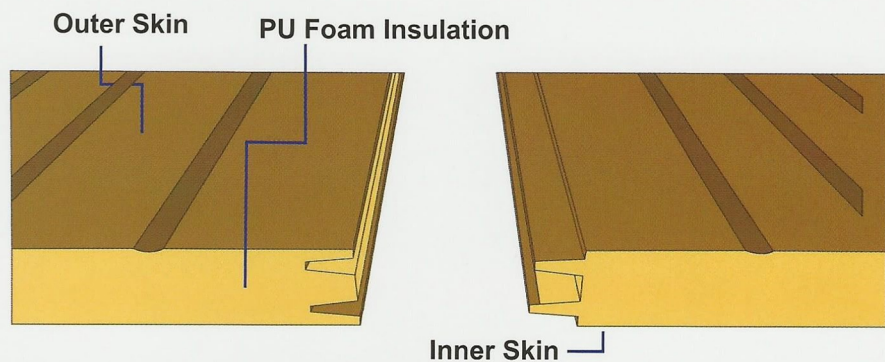


COLD STORAGE



STORAGE ROOM - RAW MATERIALS

PU PANEL CONNECTION



STANDARD PU PROFILE PANEL

