

PAL PRE-INSULATED DUCT SYSTEM

LIST OF TEST REPORT & CERTIFICATE

DESCRIPTION	TEST METHOD & STATEMENT	LABORATORY	CLASSIFICATION & RESULTS
1. Fire Propagation Index	BS 476 Part 6	Warringtonfire - UK	Class "0"
2. Surfaces Spread of Flame	BS 476 Part 7	Warringtonfire - UK	Class "1"
3. Smoke Opacity	BS 6401	Warringtonfire - UK	Mean Optical Density (Flaming Mode) = 7 Mean Optical Density (Non-flaming Mode) = 1
4. Fire Behaviour, Smoke Production, Flaming Droplets/Properties	EN 13501	Warringtonfire - UK	Class C – s2, d0
5. Ignitability of Building Products	BS EN ISO 11925	Warringtonfire - UK	
6. Reaction to Fire Test	BS EN 13823	Warringtonfire - UK	
7. Flame Spread Index	UL 723 NFPA 101 Life Safety Code	NGC Testing Service - USA	Class "A"
8. Smoke Developed Index	UL 723 NFPA 101 Life Safety Code	NGC Testing Service - USA	Class "A"



ISO 9001
BUREAU VERITAS
Certification



warringtonfire - mideast
global safety
Listing No. 016
PAL Panel Class O



PAL MIDDLE EAST PIR LLC

Pre-Insulated Ducting Technology



P.O. Box: 113826, DUBAI, UAE

Tel.: +971 4 2582640 Fax: +971 4 2582641

E-mail: palme@emirates.net.ae

Website: www.pal-me.net

DESCRIPTION	TEST METHOD & STATEMENT	LABORATORY	CLASSIFICATION & RESULTS
9. Flame Spread Index	NFPA 90A	NGC Testing Service - USA	20
10. Smoke Developed Index	NFPA 90A	NGC Testing Service - USA	10
11. Thermal Conductivity	ASTM C518	Dubai Municipality Laboratory	0.028 w/m.k. 0.197 Btu w/m.k. ft ²
12. Compressive Strength	ASTM D1621	Dubai Municipality Laboratory	295.1 kpa
13. Flexural Strength	ASTM C203	Dubai Municipality Laboratory	1423 kpa
14. Panel Density	ASTM D1622	Dubai Municipality Laboratory	57.2 kg/m ³



ISO 9001
BUREAU VERITAS
Certification



warringtonfire - mideast
global safety
Listing No. 016
PAL Panel Class O



CB-013