

Pre-Qualification & Technical Submittal Heavy Duty Polyethylene Sheet

Client	
Location	Dubai-United Arab Emirates
Supplier	Cosmos General Trading LLC.
Manufacturer/Supplier	Terraplast Plastic Industry LLC.

1. CATALOGUE
2. COMPANY PROFILE
3. TECHNICAL DATA SHEET/SPECIFICATION
4. TEST REPORTS
5. COMPLIANCE STATEMENT
6. TRADE LICENSE
7. INDUSTRIAL LICENSE
8. ISO CERTIFICATES



Manufacturer:

TERRAPLAST PLASTIC INDUSTRY LLC.

P.O. BOX 1630, PLOT NO: 1282 & 2,
EMIRATES MODERN INDUSTRIAL AREA,
UMM AL DERA, UMM AL QUWAIN, U.A.E.

www.terraplast.ae



Authorized Distributer:

COSMOS GENERAL TRADING LLC.

AL JURF, AJMAN,
UNITED ARAB EMIRATES.

Tel: +971 65278732

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae

HEAVY DUTY POLYETHYLENE SHEETS FOR THE CONSTRUCTION INDUSTRY



TERRAPLAST PLASTIC INDUSTRY LLC

***** Where Precision Meets Performance *****

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae

Who We Are & Why Choose Us

Terraplast Plastic Industry LLC

Premier Manufacturer of Advanced Polymer Solutions in the GCC.

Since our establishment in 2021, Terraplast Plastic Industry LLC has emerged as a trailblazer in the production of high-performance polyethylene and specialty polymer films. Located in Umm al Quwain (UAE), we serve as a trusted partner for construction, industrial, and consumer sectors across the GCC, delivering innovative solutions that redefine quality and durability.

Certified Excellence, Advanced Innovation

As an ISO 9001:2015 (Quality Management), ISO 14001:2015 (Environmental Management), and ISO 45001:2015 (Occupational Health & Safety) certified manufacturer, we operate at the forefront of technology with fully automated, state-of-the-art machinery for extrusion, printing, and precision processing. Our facilities are engineered to produce a comprehensive range of packaging materials and technical films tailored for demanding applications, including:

- **Industrial & Construction:** Heavy-duty polyethylene sheets, vapor barriers, protective films
- **Food & Pharmaceutical:** FDA-compliant packaging, barrier films, hygiene-safe solutions
- **Commercial & Consumer:** Custom-printed films, shrink wraps, sustainable packaging

Why Partner with Terraplast?

- **Global Standards, Local Expertise:** Seamlessly blend international quality with regional market insights.
- **End-to-End Customization:** From concept to production, we support bespoke designs and rapid prototyping.
- **Sustainability Forward:** Pioneering eco-friendly films and recyclable materials for a greener tomorrow.

Join the ranks of industry leaders who rely on Terraplast's innovation and reliability. Let's engineer possibilities together.

Terraplast Plastic Industry LLC – Where Precision Meets Performance.

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q



رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae

Precision. Performance. Perfection, Commitment to Superior Quality.

At **Terraplast Plastic Industry LLC**, all our products are made from 100% prime first-grade quality resin. Our finished products meet ISO standards, ensuring superior performance and reliability. Thanks to our commitment to excellence, leading consumers and clients trust Terraplast's **heavy-duty polyethylene sheets** and other industrial products with confidence.

The company produces Heavy Duty polyethylene sheets up to 3.4 meters in thick range from 100 gauge (25 micron) to 1400 gauge (350 micron). Our heavy-duty polyethylene sheets are used in several constructional projects all over GCC.

OTHER PRODUCTS FOR CONSTRUCTIONAL AND INDUSTRIAL APPLICATION

High clarity heavy duty films for packing.
Heavy duty industrial packing bags.
Heavy duty piling plastic sleeves
UV stabilized Green House Films
VCI plastic sheets and rolls
Lamination grade PE films
Dr shrink wrap white rolls
ULD packing sheets
Pallet cover sheets
Warning Tapes
Liner Bags

OTHER PRODUCTS FOR THE CONSUMER INDUSTRY AND GENERAL APPLICATION

Printed Carry bags – Bottom seal and side seal
Tissue Bags and Pouch Rolls-Plain and printed
Garbage bags and Biohazard Bags
Shrink films
TP Bags

TECHNICAL SPECIFICATION

PRODUCT: POLYETHYLENE SHEETS FOR CONSTRUCTION & INDUSTRIAL APPLICATIONS

Property	Test Method	200G	300G	500G	800G	1000G	1200G	1500G	2000G
Density @ 23°C	ASTM D1505	0.915-0.92	0.915-0.92	0.915-0.92	0.915-0.92	0.915-0.92	0.915-0.92	0.915-0.92	0.915-0.92
Thickness (Microns)	BS-2782 630-A:1994	50	75	125	200	250	300	375	500
Tensile Strength (N/mm ²)- MD	BS-EN ISO 527-3:1996	10-11	12-13	12-13	12-13	12-14	12	12-15	12-15
Tensile Strength (N/mm ²)- TD	BS-EN ISO 527-3:1996	10-11	12-13	10-13	10-13	10-14	10	12-15	12-15
Elongation (%)- MD	BS-EN ISO 527-3:1996	300-400	300-400	400-400	400-500	400	400-500	500-600	500-600
Elongation (%)- TD	BS-EN ISO 527-3:1996	500-600	500-600	500-600	500-600	500	500-700	600-800	600-800
Impact Strength (Grams)	BS-2782 Part 3:352F	80	100	200	300	400	400	600	850
Tear Resistance (GF)- MD	BS-2782 Part 3:360:1991	100-200	100-200	100-200	300-400	300	400-500	700-900	900-1100
Tear Resistance (GF)- TD	BS-2782 Part 3:360:1991	200-300	200-300	200-300	400-600	600	500-600	900-1200	900-1300

N-Newton | MD = Machine Direction | TD = Transverse Direction | GF = Gram Force.

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q



رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م

Plot No: 1282 & 2, Emirates Modern Insdutrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+٩٧١ ٦ ٧٣١ ٩٨٩٢

+٩٧١ ٥٠ ١٥١ ٩٥٣٠

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae

Physical and Technical Characteristics

- Manufactured in compliance with ISO Standards.
- UV Stabilization: Engineered to resist ultraviolet (UV) radiation and thermo-oxidative degradation (upon request).
- Durability Features: Shock-proof, pierce-resistant, and exceptional environmental stress crack resistance (ESCR).
- Water Impermeability: Exceptionally low water permeability, with a water vapor transmission rate (WVTR) of $\leq 0.05 \text{ g/m}^2/24 \text{ hours}$ at 25°C .
- Chemical Resistance: High resistance to corrosive sulfates, chlorides, and other aggressive elements in groundwater and subsoil.
- Thermal Stability: Softening point of $\sim 115^\circ\text{C}$; operational temperature range: -5°C to $+80^\circ\text{C}$ without performance compromise.
- Mechanical Strength: Superior impact resistance, creep strength, and long-term dimensional stability.
- Dimensional Tolerances:
 - Thickness: $\pm 10\%$ to $\pm 15\%$
 - Width: $\pm 2.5\%$
- Material Integrity: Produced exclusively from 100% prime-grade virgin resin, ensuring uniformity and premium quality.

Key Advantages

- Ideal for demanding construction and industrial environments requiring moisture barriers, chemical resistance, and structural reliability.
- Combines flexibility with robustness, suitable for both temporary and permanent applications.

STANDARD SIZES OF ROLLS

Thickness (Gauge/Microns)	Standard Roll Dimensions
200 gauge / 50 microns	2 x 100 meters
300 gauge / 75 microns	3.6 x 45 meters
500 gauge / 125 microns	4 x 50 meters
800 gauge / 200 microns	4 x 25 meters
1000 gauge / 250 microns	4 x 25 meters
1200 gauge / 300 microns	4 x 25 meters
1500 gauge / 375 microns	2 x 50 meters / 4 x 25 meters
2000 gauge / 500 microns	2 x 50 meters / 4 x 25 meters
3000 gauge / 750 microns	2 x 50 meters

This roll can be manufactured up to 5.4-meter width depending on the thickness as per specific requirements. The roll can also be manufactured in black or any other specified colors.

QUALITY MANAGEMENT

Our Commitment: **"Quality Without Compromise"**

At Terraplast Plastic Industries, quality is the foundation of everything we do. We prioritize understanding our customers' unique requirements to deliver products that exceed expectations, ensuring complete satisfaction and long-term trust.

Stringent Quality Assurance

- **End-to-End Oversight:** Rigorous quality protocols govern every stage—from sourcing 100% prime-grade raw materials to in-process inspections, advanced product testing, and final dispatch.
- **Certified Excellence:** Certified to ISO 9001:2015 (Quality Management), ISO 14001:2015 (Environmental Management), and ISO 45001:2015 (Occupational Health & Safety), reflecting our commitment to global standards, sustainability, and workplace safety.
- **Industry Compliance:** Adherence to BS (British Standards), ASTM, and customer-specific technical parameters, validated through our state-of-the-art quality control laboratories.

Sustainable & Safe Practices

- **Eco-Conscious Production:** Minimizing environmental impact through resource-efficient processes and recyclable material innovation.
- **Hygiene & Safety:** Products meet stringent hygiene standards for food, pharmaceutical, and industrial applications, ensuring safety for end-users and ecosystems.

Why Choose Terraplast?

- **Precision Engineering:** Cutting-edge technology and skilled craftsmanship for unmatched product consistency.
- **Customer-Centric Solutions:** Tailored support from design to delivery, backed by rapid prototyping and flexible customization.

COMPANY PROFILE

Company Name: Terraplast Plastic Industry LLC

Industry: Manufacturing of LDPE & HDPE Bags and Rolls

Specialization: Customized printed bags and rolls, biodegradable solutions, shrink films, and technical packaging solutions.

Terraplast Plastic Industry LLC is a leading manufacturer in the UAE specializing in high-quality plastic film products, catering to industries such as retail, food, construction, and healthcare. With a commitment to sustainability and innovation, we provide customized solutions to meet diverse client needs.

CONSTRUCTION INDUSTRY

Construction Rolls:

Our construction rolls are specifically engineered for heavy-duty outdoor applications, offering exceptional mechanical strength and durability. Manufactured from polyethylene sheets, these rolls are available in thicknesses up to 0.6 mm (600 microns) and widths reaching a maximum of 7.5 meters.

Barrier Tapes:

Our barrier tapes are an ideal solution for marking hazardous areas and ensuring workplace safety. These tapes can be customized with printed messages to meet specific client requirements.

Ductile Iron Sleeves:

Designed for ductile iron pipes, our anti-corrosion sleeves are available in black or blue and come with a standard thickness of 250 microns. They provide reliable protection and long-lasting performance in harsh environments.

Pallet Covers:

Our pallet covers are engineered with excellent stretchability, heat shrinkability, and UV resistance, making them highly effective in protecting goods from dust, dirt, and other environmental contaminants.

TECHNICAL SPECIFICATIONS

PRODUCT: POLYETHYLENE SHEET-1000 GUAGE

DIMENSION: WIDTH-4 METER, LENGTH-25 METER, THICKNESS-1000 GUAGE.

RAW MATERIAL: POLYETHYLENE

Properties:	Method	Test Values
Film Thickness	ASTM D5199 / BS 2782-630A	250 microns $\pm$ 10-15%
Surface Appearance	ASTM C171 Sec. 6.3.1	Free from surface defects
Moisture Retention	ASTM C156 (referenced in C171)	Impermeable to water vapor
Tensile Strength	ASTM D882	MD- 15 N/mm ² TD- 12 N/mm ²
Elongation	ASTM D882	400 % 500 %
Tear Strength	ASTM D1004	MD- 350 g F TD- 520 g F
Dart Impact	ASTM D1709	400 gm

COMPLIANCE STATEMENT

Product: PE Clear Construction Sheet – 1000 Guage

Property	Test Method	Unit	Values	Compliance
Width	Internal	Meter	4	Comply
Length	Internal	Mater	25	Comply
Thickness	BS-2782 630-A:1994	Micron	250±15%	Comply
Density @ 23°C	ASTM D1505	g/cm ³	0.920	Comply
Surface Finish	BS 7344	-----	Free From Air Bubbles	Comply
Impermeability	BS 6515	-----	No visible Pin Holes	Comply
Tensile Strength (N/mm ²)- MD	BS-EN ISO 527-3:1996	N/mm ²	15	Comply
Tensile Strength (N/mm ²)- TD	BS-EN ISO 527-3:1996	N/mm ²	12	Comply
Elongation (%)- MD	BS-EN ISO 527-3:1996	%	400	Comply
Elongation (%)- TD	BS-EN ISO 527-3:1996	%	500	Comply
Impact Strength (Grams)	BS-2782 Part 3:352F	gm	400	Comply
Tear Resistance (GF)- MD	BS-2782 Part 3:360:1991	Gram Force	300	Comply
Tear Resistance (GF)- TD	BS-2782 Part 3:360:1991	Gram Force	600	Comply
Water Absorption@22+2° C	ASTM D 570:88	%	<0.22	Comply

For Quality Department



Terraplast Plastic Industry LLC.



مختبرات ويمبي ش.ذ.م.م.
 WIMPEY LABORATORIES L.L.C.



**TEST REPORT ON TENSILE STRENGTH & ELONGATION OF
 POLYETHYLENE SHEET**

Client	Terraplast Plastic Industry LLC Umm Al Quwain, UAE		
Sample Description	Construction Sheet	Lab Report No.	WD-R-250315-0261/2
Material	HDPE	Request No.	WD-Q-250315-0084
Sample Source	Terraplast Plastic Industry LLC	Sample No.	WD-S-250315-0408
Curing and test condition	Temperature: 23°C Relative Humidity: 50%	Date Received	15/03/2025
Sampling Method	ASTM D412-16(2021)	Casting Date	Not Applicable
Test Method	ASTM D412-16(2021)	Curing Time	Not Applicable
Specimen Type	Test Method A – Die C	Date Tested	25/03/2025
Rate of Speed	500 mm/minute	Date Reported	27/03/2025
Wimpey Ref. No.	250315032	Tested By	SU

Test Results

Test Direction: Longitudinal

Specimen Number	Width (mm)	Thickness (mm)	Maximum Force (N)	Tensile Strength (N/mm ²)	Elongation (%)
1	6.00	0.18	29.7	26.9	650
2	6.00	0.19	19.4	17.4	520
3	6.00	0.18	26.1	23.4	705
4	6.00	0.18	32.2	29.0	550
5	6.00	0.19	26.4	23.7	580
Average				24.1	601

Test Direction: Transverse

Specimen Number	Width (mm)	Thickness (mm)	Maximum Force (N)	Tensile Strength (N/mm ²)	Elongation (%)
1	6.00	0.19	27.1	24.2	690
2	6.00	0.19	27.2	24.3	700
3	6.00	0.18	25.4	22.5	685
4	6.00	0.18	25.7	22.8	630
5	6.00	0.19	21.7	19.0	730
Average				22.6	687

Remarks: None.

Signed for and on behalf of Wimpey Laboratories L.L.C

S. Sarath Kumar
 Laboratory Manager

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

-End of text-



تليفون: +971 4 3273123 • فاكس: +971 4 2365308 • ص.ب: 123279 • دبي • الإمارات العربية المتحدة
 TEL: +971 4 3273123 • FAX: +971 4 2365308 • P.O.BOX: 123279 • DUBAI • UNITED ARAB EMIRATES
 E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
 Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 7 731 9892

+971 50 151 9530

ص.ب: ١٦٣٠، أم القيوين

www.terrplast.ae

TEST REPORT ON TEAR STRENGTH OF POLYETHYLENE SHEET

Client	Terraplast Plastic Industry LLC Umm Al Quwain, UAE		
Sample Description	Construction Sheet	Lab Report No.	WD-R-250315-0261/1
Material	HDPE	Request No.	WD-Q-250315-0084
Sample Source	Terraplast Plastic Industry LLC	Sample No.	WD-S-250315-0408
Test Method	ASTM D624-00(2020)	Date Received	15/03/2025
Curing Conditioned and Room Atmospheric condition	23°C 50%	Date Tested	25/03/2025
Type of machine used	UTM Machine H25KT	Date Reported	27/03/2025
Speed of Testing	500 mm/minute	Sample brought in by	Client
Wimpey Ref. No.	250315032	Tested By	SU

Test Results

Test Direction: Longitudinal

Sample Reference	Thickness (mm)	Tear Strength (N/mm)
1	0.18	153
2	0.18	152
3	0.18	144
4	0.18	150
5	0.18	146
Average		149

Test Direction: Transverse

Sample Reference	Thickness (mm)	Tear Strength (N/mm)
1	0.19	134
2	0.20	135
3	0.19	112
4	0.19	135
5	0.18	123
Average		128

Remarks: None

Signed for and on behalf of Wimpey Laboratories LLC

S. Sarath Kumar
 Laboratory Manager

Test results relate only to the samples tested

This report shall not be reproduced except in full, without the written approval of the laboratory.

-End of text-



تليفون: +971 4 3273123 • فاكس: +971 4 2365308 • ص.ب: 123279 • دبي • الإمارات العربية المتحدة
 TEL: +971 4 3273123 • FAX: +971 4 2365308 • P.O.BOX: 123279 • DUBAI • UNITED ARAB EMIRATES
 E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م.
 Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب: ١٦٣، أم القيوين

www.terrplast.ae



مختبرات ويمبي لش.ذ.م.م.
 WIMPEY LABORATORIES L.L.C.

TEST REPORT ON IMPACT RESISTANCE OF POLYETHYLENE SHEET

Client	Terraplast Plastic Industry LLC Umm Al Quwain, UAE		
Project Name	N.G	Lab Report No.	WD-R-250315-0261/3
Sample Description	Construction Sheet	Request No.	WD-Q-250315-0084
Material	HDPE	Sample No.	WD-S-250315-0408
Source	Terraplast Plastic Industry LLC	Date Received	15/03/2025
Test Method	BS 2782-3, 360A	Date Tested	25/03/2025
Temperature	23°C	Date Reported	27/03/2025
Relative Humidity	52%	Tested By	SU

Test Result

Test	Result (g)
Dart Impact Failure Weight	450

Remarks: None.

Signed for and on behalf of Wimpey Laboratories LLC

S. Sarath Kumar
 Laboratory Manager

Test results relate only to the samples tested

This report shall not be reproduced except in full, without the written approval of the laboratory.

-End of text-



تليفون: +971 4 32273123 • فاكس: +971 4 2365308 • ص.ب: 123279 • دبي • الإمارات العربية المتحدة
 TEL: +971 4 3273123 • FAX: +971 4 2365308 • P.O.BOX: 123279 • DUBAI • UNITED ARAB EMIRATES
 E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
 Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب: ١٦٣، أم القيوين

www.terraplast.ae



مختبرات ويمبي ش.ذ.م.م.
 WIMPEY LABORATORIES L.L.C.



**TEST REPORT ON WATER VAPOUR TRANSMISSION OF
 POLYETHYLENE SHEET**

Client	Terraplast Plastic Industry LLC Umm Al Quwain, UAE		
Sample Description	Construction Sheet	Lab Report No.	WD-R-250315-0261/3
Material	HDPE	Request No.	WD-Q-250315-0084
Test Method	ASTM E96/E96M-24a	Sample No.	WD-S-250315-0408
Temperature in Test Chamber	23°C	Date Received	15/03/2025
Relative Humidity in Test Chamber	50%	Date Tested	25/03/2025
Test Area	33.18cm ²	Date Reported	27/03/2025
Total Cycles	Continuous mode up to constant	Room Temperature	23°C
Source	Terraplast Plastic Industry LLC	Room Relative Humidity	50%
Specimen Thickness	200 microns	Sample Brought in by	Wimpey Lab
Wimpey Ref. No.	250315032	Tested By	SU

Test Results

Test	Unit	Specimen 1	Specimen 2	Specimen 3	Average
Water Vapor Transmission	g/m ² /24h	0.8776	1.7022	0.6712	1.0836

Remarks: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
 Laboratory Manager

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.



تليفون: +971 4 3273123 • فاكس: +971 4 3265308 • ص.ب: 123279 • دبي • الإمارات العربية المتحدة
 TEL: +971 4 3273123 • FAX: +971 4 3265308 • P.O.BOX: 123279 • DUBAI • UNITED ARAB EMIRATES
 E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
 Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب: ١٦٣٠، أم القيوين

www.terraplast.ae



مختبرات ويمبي ش.ذ.م.م.
 WIMPEY LABORATORIES L.L.C.

TEST RESULT OF POLYETHYLENE SHEET

Terraplast Plastic Industry LLC

Report No: WD-R-250315-0260
 Sample No: WD-S-250315-0408
 Date of Report: 03/04/2025

Introduction: Further to the request received from M/s. Terraplast Plastic Industry LLC dated on 15th March 2025, the sample of POLYETHYLENE SHEET was tested for the below parameters.

Sample Type : POLYETHYLENE SHEET
Request Number : WD-Q-250315-0084
Sample Received Date : 15/03/2025
Date of Test : 15/03/2025-03/04/2025
Tested By : ZY

General Information

Name of the Product : POLYETHYLENE SHEET

Chemical Resistance

Test method : ASTM D1308 (Spot)

Test temperature: 23±2°C, Test humidity: 55±5%,

Exposure duration: 24 Hours

Test Simulant	Observation	Result	Type of Effect
Sodium Hydroxide 10%	No sign of loss of adhesion, blistering, cracking, or discoloration were observed	Resistant	A
Hydrochloric Acid 10%		Resistant	A
Acetic acid 5%		Resistant	A
Isopropanol		Resistant	A
Detergent Solution 0.025%		Resistant	A
Soap Solution 1%		Resistant	A
Ethanol		Resistant	A
Distilled Water		Resistant	A
Mineral Water		Resistant	A
Sulfuric Acid 30%		Resistant	A

Type of effects

A: No discoloration, change in gloss, blistering, Swelling, Softening, Loss of adhesion or special phenomenon

B: 1.Discoloration 2.Change in gloss 3.Blistering 4.Swelling 5.Softening 6.Loss of adhesion 7.Special Phenomenon

Remarks: None

Signed for and on behalf of Wimpey Laboratories LLC

Anandu VS

Section In charge Chemistry-Specialty

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text-



تليفون: +971 4 2273123 • فاكس: +971 4 2365308 • ب.ص: 1630 دبي • الإمارات العربية المتحدة
 TEL: +971 4 3273123 • FAX: +971 4 2365308 • P.O.BOX: 123279 • DUBAI • UNITED ARAB EMIRATES
 E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م.
 Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terrplast.ae

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY
& ADVANCED TECHNOLOGY



الإمارات العربية المتحدة
وزارة الصناعة
والتكنولوجيا المتقدمة

Industrial Production License		رخصة إنتاج صناعي
Record Number	IL030390	رقم القيد
Record Date	21/11/2022	تاريخ القيد
Expiry Date	15/12/2025	تاريخ الانتهاء
Trade Name	TERRAPLAST PLASTIC INDUSTRY L.L.C تيرا بلاست لصناعة البلاستيك ذ.م.م	الإسم التجاري
Legal Form	Limited Liability Company شركة ذات مسؤولية محدودة	الشكل القانوني
Emirate	Umm Al Quwain أم القيوين	الإمارة
City	Umm Al Quwain أم القيوين	المدينة
Area	Industrial Area(Umm Al Thuob)	المنطقة الصناعية الجديدة
Phone Number	052-1438308	رقم الهاتف
Address	NEW INDUSTRIAL AREA UMM AL QUWAIN	العنوان

Factory Manager			مدير المصنع
Nationality	الجنسية	Name	الإسم
India	الهند	RAWTHER SULAIMAN UMMER KANNU	RAWTHER SULAIMAN UMMER KANNU

Activities	الأنشطة
Plastic Bags Manufacturing	1 صناعة الأكياس البلاستيكية



تم إصدار هذا المستند إلكترونياً ولا يحتاج إلى ختم أو توقيع. ويمكن التحقق من المستند رقمياً عبر بوابة UAE Pass Self-Care عن طريق تحميل المستند على selfcare.uaepass.ae.

This document has been issued electronically and doesn't require a stamp and signature. The document can be digitally verified via UAE Pass Self-Care portal by uploading the document to selfcare.uaepass.ae.

رخصة صناعية - Lic - Ind

بيانات الرخصة			License Details
الاسم التجاري	تيرا بلاست لصناعة البلاستيك ذ.م.م	TERRAPLAST PLASTIC INDUSTRY LLC	TradeName
الشكل القانوني	شركة ذات المسؤولية المحدودة	LIMITED LIABILITY COMPANY	Legal Type
رقم الرخصة	LIC-IND-33257		License Number
تاريخ الاصدار	28/4/2021		Issue Date
تاريخ الانتهاء	27/4/2026		Expiry Date
رقم السجل التجاري	16434		Registration No
البريد الإلكتروني	sulaimanayoon@gmail.com		Email
رقم الهاتف المتحرك	0501519530		Mobile Number

اطراف الرخصة				License Members
الاسم	الجنسية	الصفة	الحصص	
Name	Nationality	Role	Share	
خالد حميد خميس بن درويش آل علي KHALID HUMAID KHAMIS BIN DARWISH AL ALI	الإمارات العربية المتحدة United Arab Emirates	شريك Partner	51%	
راوتر سليمان عمر كانو RAWTHER SULAIMAN UMMER KANNU	الهند India	شريك مدير Partner Manager	49%	

انشطة الرخصة		License Activities
صناعة الاكياس البلاستيكية	Plastic Bags Manufacturing	
تصدير	Exporting	
استيراد	Importing	

Address Details			تفاصيل العنوان
Lease Contract No	TC - 28284		رقم عقد الإيجار
Property Owner	ABDULLA MUTAB SALIM BIN DAIN ALGHFELI	عبدالله متعب سالم بن ضامن الغفلي بن ضامن	مالك العقار
Region	Umm Dearaa	أم درع	المنطقة
Street	ام درع		الشارع

Note	ملاحظة
------	--------

This Document is Considered as Commercial Register

تعتبر هذه الرخصة بمثابة سجل تجاري

	Print Date	8/5/2025	تاريخ الطباعة
	Payment voucher No	DED_PV_080525_0199	رقم إذن الدفع

هذه وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة التنمية الاقتصادية في أم القيوين. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة.

This is a certified e-document issued without signature by the Department of Economic Development in Umm Al Quwain. Kindly scan the barcode to verify the certificate.

United Arab Emirates
Ministry of Interior
General Directorate of Civil Defense



دولة الامارات العربية المتحدة
وزارة الداخلية
القيادة العامة للدفاع المدني

الرقم: 2021-5-250351

شهادة استيفاء شروط السلامة الوقائية

صدرت هذه الشهادة استناداً إلى قرار مجلس الوزراء رقم (24) لسنة 2012 م في شأن تنظيم خدمات الدفاع المدني بالدولة

الاسم التجاري للمنشأة: تيرا بلاست لصناعة البلاستيك د م م
رقم الأرض: رقم الرخصة: 33257 ص (صناعي)
المالك: راوتر سليمان
العنوان: شارع الاتحاد - الصناعية الحديثة - أم القيوين
الجنسية: الهند
صلاحية الشهادة: من 22/04/2025 إلى 21/04/2026
حررت بتاريخ: 24/04/2025

وقد وجد مستوفي لشروط السلامة الوقائية بتاريخ 24/04/2025

ملاحظات:

- تم تسديد الرسوم بإبصال رقم (10495889285879873441)

- يجب الالتزام بإعتماد عقود الصيانة الدورية لأجهزة ومعدات السلامة والوقاية من الحريق من إحدى الشركات المعتمدة.

- أي تعديلات في أنظمة وأجهزة السلامة والوقاية من الحريق أو النشاط يتطلب موافقة مسبقة من الدفاع المدني.

- يجب ربط المبنى بنظام حصنك لحماية المباني - رقم التواصل (800333363)

- في حال الإخلال بأي من اشتراطات السلامة الوقائية سيتم مخالفة المنشأة (نموذج المخالفات خلف الشهادة).

- توضع الشهادة في مكان بارز وواضح للعيان.

- مراجعة الدفاع المدني سنوياً للكشف على المبنى.

- يرجى الانتهاء من إجراءات التدريب خلال 60 يوم كحد أقصى و إلا سوف تتعرض المنشأة للمساءلة القانونية وفقاً لقرار مجلس الوزارة رقم 24 لسنة 2012 م.



للطوارئ
997
999

Emergency

الموقع الإلكتروني: www.moi.gov.ae

فاكس: 7672027 - 06

هاتف: 7067100 - 06

نظام الشكاوى والمقترحات: www.fms.ae



نسخة رقم 784196742948894 - 24/04/2025 01:03 AM

رؤيتنا أن تكون دولة الإمارات العربية المتحدة من أفضل دول العالم في تحقيق الأمن والسلامة

تم إصدار الشهادة إلكترونياً ولا تحتاج إلى توقيع

1 / 1



تيرا بلاست لصناعة البلاستيك ذ.م.م
TERRAPLAST
PLASTIC INDUSTRY LLC



غرفة أم القيوين
Umm Al Quwain Chamber



شهادة تسجيل العضوية Membership Certificate

رقم العضوية	16623	Membership No.	رقم الرخصة	33257	License No.
رقم السجل التجاري	16434	Registration No.	تاريخ الإنتساب	28-04-2021	Member Since
تاريخ الإصدار	07-05-2025	Issue Date	تاريخ الإنتهاء	27-04-2026	Expiry Date
الإسْم التجاري	تيرا بلاست لصناعة البلاستيك ذ.م.م				
الشكل القانوني	شركة ذات مسؤولية محدودة				
النشاط	صناعة الأكياس البلاستيكية - استيراد - تصدير -				
Trade Name	TERRAPLAST PLASTIC INDUSTRY L.L.C				
Legal Status	Limited Liability Company				
Activity	- Plastic Bags Manufacturing - Importing - Exporting				

Remarks

This is a certified e-document issued without signature by the Umm Al Quwain Chamber of Commerce & Industry
Kindly scan the barcode to verify the certificate or visit our website



الملاحظات

هذه وثيقة إلكترونية معتمدة وصادرة بدون توقيع من غرفة أم القيوين للتجارة والصناعة. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة أو زيارة موقع الغرفة

Tel: 06 7651111 , Fax: 06 7655055 , P.O.Box: 436 , UAQ - United Arab Emirates
E-mail: membership@uqaqchamber.ae , www.uqaqchamber.ae

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae



بيان التسجيل
SCHEDULE OF CERTIFICATION
 Ministry of Industry and Advanced Technology

Company Name: TERRAPLAST PLASTIC INDUSTRY **اسم الشركة:**
Product Category: OXO-Biodegradable Plastic Products **تصنيف المنتج:** المنتجات البلاستيكية القابلة للتحلل
Certificate No.: 24-09-125342/E24-09-129974/NB0003 **رقم التسجيل:**
Registration Date: 27/09/2024 **تاريخ التسجيل:**
Valid Until: 26/09/2025 **صالح لغاية:**

Sr.No.	الاسم التجاري Brand Name	رقم الموديل Model Number	تفاصيل المنتج Product Details	الأبعاد/الحجم Dimension/ Size	التقارير Reports	المواصفات المطبقة Applicable Standards	بلد المنشأ Country Of Origin
1	TERRAPLAST	TPLD10	TERRAPLASTIC LDPE BAG	N/A	PTMB/2022/10/217 WLM22-0839	UAE.S 5009	United Arab Emirates
2	TERRAPLAST	TPLD12	TERRAPLASTIC LDPE SHEET	N/A	PTMB/2022/10/217 WLM22-0839	UAE.S 5009	United Arab Emirates
Nothing Follows							



GULFTIC

جهة معيّنة من قبل وزارة الصناعة والتكنولوجيا المتقدمة
 Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not
 require stamp and signature. Certificate will be
 invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي
 كشط أو تغيير في هذه الشهادة يلغيها.



تيرا بلاست لصناعة البلاستيك ذ.م.م
TERRAPLAST
PLASTIC INDUSTRY LLC

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY
& ADVANCED TECHNOLOGY



الإمارات العربية المتحدة
وزارة الصناعة
والتكنولوجيا المتقدمة

شهادة مطابقة CERTIFICATE OF CONFORMITY

Certificate Number:	24-09-125342/E24-09-129974/NB0003	رقم الشهادة:
Registration Date:	27/09/2024	تاريخ التسجيل:
Valid Until:	26/09/2025	صالحة لغاية:
Issued To:	TERRAPLAST PLASTIC INDUSTRY P.O. Box 1630 ,NEW INDUSTRIAL AREA UMM DERA UMM AL THOOB Umm Al Quwain	أصدرت إلى:
Sector:	Chemical	قطاع: كيمياء
Product Category:	OXO-Biodegradable Plastic Products	التصنيف المنتج: المنتجات البلاستيكية القابلة للتحلل
Product Sub-Category:	Low Density Polyethylene	التصنيف الفرعي للمنتج: بولي إيثيلين قليل الكثافة

Please check Schedule of certification for all product details يرجى التحقق من بيان التسجيل المرفق لجميع تفاصيل المنتجات



جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة
Notified body by Ministry of Industry and Advanced Technology



Products are registered under the Emirates
Conformity Assessment Scheme (ECAS) based on
compliance to the Approved Standards



المنتجات مسجلة في نظام تقويم المطابقة الإماراتي (إيكاس)
بناءً على مطابقتها للمواصفات المعتمدة

This is an electronic certificate and does not require stamp and
signature. Certificate will be invalid in case of any modification

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير
في هذه الشهادة يلغيها.

600565554

www.moiat.gov.ae

@MOIAT

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرين، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae



تيرا بلاست لصناعة البلاستيك ذ.م.م
TERRAPLAST
PLASTIC INDUSTRY LLC



CERTIFICATE

This is to certify that

Terraplast Plastic Industry LLC

Umm Dera - Emirate of Umm Al Quwain, UAE

CONFIRM TO THE REQUIREMENT OF

ISO 14001:2015

Environmental Management System

FOR THE FOLLOWING SCOPE

"Import, Export, Distribution and Manufacturing of LDPE & HDPE Plastic Products & Plastic bags."

CERTIFICATE NO-LMQS/AE/TPI/001/EMS

Date of initial registration :18-02-2025

Date of this certificate :18-02-2025

Valid till :17-02-2026

Recertification due :17-02-2028



GENERAL MANAGER

Lead Max Quality & Standardization L.L.C

Note: Certificate validity can be confirmed by visiting www.leadmax.ae
Certificate will remain the property of LMQS and must be returned upon request

Lead Max Quality & Standardization LLC
Office M-11, Dar Al Safiya Building, P.O Box 97199, Near Abu Hail Metro Station, Abu Hail, Dubai, UAE

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣، أم القيوين

www.terraplast.ae



تيرا بلاست لصناعة البلاستيك ذ.م.م
TERRAPLAST
PLASTIC INDUSTRY LLC



CERTIFICATE

This is to certify that

Terraplast Plastic Industry LLC

Umm Dera - Emirate of Umm Al Quwain, UAE

CONFIRM TO THE REQUIREMENT OF

ISO 9001:2015

Quality Management System

FOR THE FOLLOWING SCOPE

"Import, Export, Distribution and Manufacturing of LDPE & HDPE Plastic Products & Plastic bags."

CERTIFICATE NO- LMQS/AE/TPI/001/QMS

Date of initial registration :18-02-2025

Date of this certificate :18-02-2025

Valid till :17-02-2026

Recertification due :17-02-2028



GENERAL MANAGER

Lead Max Quality & Standardization

Note: Certificate validity can be confirmed by visiting www.leadmax.ae
Certificate will remain the property of LMQS and must be returned upon request

Lead Max Quality & Standardization LLC
Office M-11, Dar Al Safiya Building, P.O Box 97199, Near Abu Hail Metro Station, Abu Hail, Dubai, UAE

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣، أم القيوين، منطقة الصناعية الإمارات موديرين، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣، أم القيوين

www.terraplast.ae



تيرا بلاست لصناعة البلاستيك ذ.م.م
TERRAPLAST
PLASTIC INDUSTRY LLC



CERTIFICATE

This is to certify that

Terraplast Plastic Industry LLC

Umm Dera - Emirate of Umm Al Quwain, UAE

CONFIRM TO THE REQUIREMENT OF

ISO 45001:2018

Occupational Health & Safety Management System

FOR THE FOLLOWING SCOPE

"Import, Export, Distribution and Manufacturing of LDPE & HDPE Plastic Products & Plastic bags."

CERTIFICATE NO-LMQS/AE/TPI/001/OH&SMS

Date of initial registration :18-02-2025

Date of this certificate :18-02-2025

Valid till :17-02-2026

Recertification due :17-02-2028



GENERAL MANAGER

Lead Max Quality & Standardization

Note: Certificate validity can be confirmed by visiting www.leadmax.ae
Certificate will remain the property of LMQS and must be returned upon request

Lead Max Quality & Standardization LLC
Office M-11, Dar Al Safiya Building, P.O Box 97199, Near Abu Hail Metro Station, Abu Hail, Dubai, UAE

+971 6 731 9892

+971 50 151 9530

PO Box:1630, U.A.Q

رقم بلوت: ١٦٣٠، أم القيوين، منطقة الصناعية الإمارات موديرن، أم ديرة، أم القيوين، أ.ع.م
Plot No: 1282 & 2, Emirates Modern Industrial Area, Umm Dera, Umm Al Quwain, U.A.E.

+971 6 731 9892

+971 50 151 9530

ص.ب.: ١٦٣٠، أم القيوين

www.terraplast.ae

  	
ALDAR PROJECTS QUALITY MATERIAL SUBMITTAL	

PROJECT:	Saadiyat Cultural District Cool Path		
CLIENT:	Aldar Properties PJSC	DATE:	20-May-2025
PMC:	Parsons International	DOC. REF:	SCDCP-PR-GCL-ZZ-ZZ-XX-MT-CI-00002
CONSULTANT:	Icon Global Consultants Engineers	MS NO:	
CONTRACTOR:	Gulf Contracting & Landscaping LLC	REV NO:	C00
REFERENCE NO:	SCDCP-PR-GCL-ZZ-ZZ-XX-MT-CI-00002		
DESCRIPTION OF MATERIAL (One item per Submittal):			
TRADE:	Landscape / Civil	SAMPLE	
DESCRIPTION:	Material Submittal for Polyethylene Sheet, 1000 Gauge	☐ YES ☐ NO	
- Attach all relevant technical literature marked to identify relevant descriptions, current test certificate, samples, draft warranty. Certificate..... etc. - Attach a certificate stating compliance with Contract requirements, with specification comparison sheet. - Highlight any element of contractual non-compliance in this submittal. ☒ As per specification ☐ Alternative Material			
REFERENCES		REASON FOR ALTERNATIVE	
Drawing Ref. No.:	SID-SD-ICN-JC-LA-ZZ-7DET-01130		
Specification Ref.:	Section 03 30 00, Clause 2.7		
BOQ Ref. No.:	N/A		
International Standards Ref:			
ESTIDAMA CREDIT NO:	N/A	LOCATION: BUILDINGS ☐ COMMUNITY ☐ RETAIL ☐ External Areas ☒	
COMMENTS:			
NAME:	SIGNATURE:	STAMP:	DATE:
MANUFACTURER NAME: Terraplast Plastic Industry LLC			
SUPPLIER NAME: Cosmos General Trading LLC			
PROGRAMME		CONTRACTOR'S AUTHORIZED SIGNATURE	
Date Required on Site:		Fedaa Rajoub – Project Director  	
Expected Date of Arrival on Site:			
PMC/CONSULTANT's COMMENTS			
1. This approval is only a preliminary approval for Polyethylene Sheet 1000 Gauge manufactured by Terraplast Plastic Industry LLC & supplied by Cosmos General Trading LLC UAE as per required specifications and contract drawings. 2. Prior to installation on sites, contractor to collect random samples with the presence of consultant for confirmatory testing at Abu Dhabi QCC lab / approved third party lab for all the specified properties. 3. The area of use shall be strictly as per the approved shop drawing. 4. Storage, handling & fixing shall be strictly as per project specification and as per manufacturer recommendation. 5. Contractor to provide a detail shop drawing showing the installation details as per manufacturer recommendation for consultant review and approval. 6. Any damaged polythene sheets should not be used at site. Contractor to ensure 7. Material shall be inspected upon delivery on site. 8. Sample shall be provided for consultant review & approval. 9. The attached Trade licence of the manufacturer is already expired, Kindly provide the updated/renewed licence for proper records. 10. This approval shall in no way relive the contractor from any of their obligations, duties and responsibilities under their contract to ensure compliance with contract requirements.			

ALD-OP-QM-PQP-FRM-00005

1

Classification: Internal General Purpose

Rev: 02

  	
ALDAR PROJECTS QUALITY MATERIAL SUBMITTAL	

CONSULTANT REPRESENTATIVE	SIGNATURE	DATE	STATUS	
NAME: RENJITH KRISHNAN		23 May 2025	☐ CODE A - Approved	☐ CODE D - Rejected
PMC REPRESENTATIVE	SIGNATURE	DATE	☒ CODE B - Approved with Comments	☐ CODE E - Information, Record
NAME:			☐ CODE C - Revise and Resubmit	

IMPORTANT: Permission to proceed on behalf of PMC/Consultant does not constitute acceptance or approval by PMC/Consultant of design, calculations, analysis, tests, and methods of materials developed or selected by the Contractor and does not relieve him from compliance with his contractual obligations.



The Client: 	The Engineer: Arec Engineering Consultant ARCHITECT - CIVIL - ELECTRICAL - MECHANICAL - ENVIRONMENTAL	The Contractor:
Project: Residential Building (2B+G+1P+17+R) ON PLOT NO. AFMU040B AT AL FURJAN DUBAI		

Material Submittal	Ref. No. SKR-AREC-MS-04 Rev. No.
---------------------------	-------------------------------------

Originator of the Submittal: SKR BUILDING CONTRACTING LLC	Date: 12/8/2025
Authorized Signature:	Req. By:

Material Detail

Item Description	Polyethylene Sheet	RECEIVED 12 AUG 2025 BY: [Signature]	List of Enclosure (Tick the Related Box)
Specs. / BOQ / Drwg. Reference			☐ Vendor's Technical Literature ☒ Compliance Statement ☒ Previous Test Results ☐ Copy of the Related Specs. ☒ Samples ☒ List of Previous approval ☐ Copy of Drawing ☐ others
Material Specified			
Material Proposed	Polyethylene Sheet, 200-500 1000 Gauge		
Manufacturer / Local Supplier	Cosmo General Trading LLC		
Reason for Alternative			
Remarks			

Main Contractor Statement: We certify that the material submitted herewith has been reviewed in details and in compliance with the contract drawings and specifications except as otherwise stated hereby.

Main Contractor Signature:	Date: 12/8/2025
AREC Consult Received:	Date:

The Consult Comments:

Polyethylene Sheet 1000 gauge manufactured by Terraplast Plastic Industry and supplied by Cosmo General Trading is approved subject to compliance with contract specification, drawings and Authority Requirements.	☐ APP - Approved ☒ AAN - Approved As Noted ☐ NA - Not Approved, Resubmit ☐ IR - Incomplete, Resubmit
---	--

The Consult RE Signature:	Date: 13/8/25
---------------------------	---------------

Employer's Representative's Comments/Approval

☐ APP - Approved ☐ AAN - Approved As Noted ☐ NA - Not Approved, Resubmit ☐ IR - Incomplete, Resubmit

Client's Representative's Signature:	Date:
--------------------------------------	-------

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

Manufacturing Capabilities

- **Extrusion:** 8 blown plastic film-making extruders operating 24/7
- **Printing:** 6-color stack printing machine (Max Size: 80 cm)
- **Bag-Making:** Hemingstone side-sealed D-punch bag-making machine
- **Quality Control:** In-house QC department ensuring compliance with industry standards

Quality Control & Certifications

- ISO 9001:2015 – Quality Management System
- ISO 14001:2015 – Environmental Management System
- ISO 45001:2018 – Occupational Health & Safety
- SGS & Intertek-certified raw materials
- Compliance with local and international food safety and packaging regulations

Technical Data Sheets

(Provided upon request for specific products, including tensile strength, elongation, impact resistance, and UV stability reports.)

Environmental & Compliance Standards

- Use of recyclable and biodegradable materials
- Compliance with UAE's environmental policies on plastic reduction
- Implementation of eco-friendly manufacturing practices
