

# مصنع سرايا السحاب للصناعات المعدنية ملف الموردين المعتمدين



تنفيذ جميل الأعمال المعدنية

تصميم وتنفيذ أعمال الألمنيوم

تصميم وتنفيذ الواجهات الزجاجية



2022



**SARAYA SAHAB FACTORY  
FOR METAL INDUSTRIES**

RIYADH AL MASHAEL AREA  
KINGDOM OF SAUDI ARABIA  
CONTACT NUMBER: +966 50 122 2905

**IS HEREBY APPOINTED BY ALUK MIDDLE EAST AS  
ALUK AUTHORIZED FABRICATOR AND INSTALLER IN  
KINGDOM OF SAUDI ARABIA**

Issued: 16.06.2022



Aluk Middle East  
Unit 210x PREGATCHI TOWER, Cluster L,  
Jumeirah Lake Towers, Dubai, U.A.E.

[mideast.aluk.com](http://mideast.aluk.com)





HUECK Middle East  
Aluminium Systems LLC

DIP 2, Community 597, Street  
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Dubai, UAE

T: +971 (0)4 804 8600  
Email: [middleeast@hueck.ae](mailto:middleeast@hueck.ae)  
Website: [www.hueck.ae](http://www.hueck.ae)

**Date:** 09/03/2022

**Ref No:** HMESD-OL-0061-22

**M/S.** Saraya Al Sahab Factory

**Attn:** To Whom It May Concern

**Project:** North Residences Narges

**Subject:** Hueck System

This is to confirm that we, Hueck Middle East Aluminium Systems LLC supplied all materials for the above-mentioned project.

Hueck is recognized for its competence and technical know-how with respect to windows, doors, and curtain wall solutions.

All our systems have been tested according to relevant European-EN/ DIN standards and all certificates available in English language.

**HUECK Middle East Aluminium Systems LLC**



ALUMINIUM SYSTEMS  
**HUECK**  
GERMAN ENGINEERING SINCE 1814  
هوك الشرق الأوسط لأنظمة الألمنيوم من ألمانيا  
**HUECK MIDDLE EAST**  
**ALUMINIUM SYSTEMS LLC**  
PO Box 62194 Dubai UAE

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Tel. +971 4 804 8600, Email [middleeast@hueck.ae](mailto:middleeast@hueck.ae) Website [www.hueck.com](http://www.hueck.com)  
Bank: Emirates Islamic Account no 3708317314101, IBAN: AE100340003708317314101 Swift Code MEBLAEADRIQ



**AL HOWAIL GLASS FACTORY  
ALHOWAIL FIRE-GARD GLASS-FIRE RESISTANT CERTIFICATE**

**Customer: M/s Saraya Contracting Est.**

**Project: Alnarjes Commercial Building # 107691. Order 107691. Qty. 37 Pcs.**

**6mmThick FIRE-GARD" One Hour Fire Guard" Clear**

AL HOWAIL FIRE-GARD Fire Resistant glass is a specialist architectural glass product, which in the event of fire provide an effectiarrier to smoke and hot gases up to 60 minutes depending on the framing system.

AL HOWAIL FIRE-GARD glass has been tested at Warrington Fire Research Centre in the U.K. and passed the requirements for 60 minutes integrity and 6 minutes insulation in accordance with BS 476: Part 22.

AL HOWAIL FIRE-GARD glass is a fully tempered glass and complies with BS 6206, Class "A" for safety glazing.

No AL HOWAIL Glass Industries employee, representative, or distributor of HOWAIL Glass Industries is authorized to modify this certificate.

Any inquiries should be directed to:

**AL HOWAIL GLASS FACTORY  
P.O. BOX 7850, MUBARKIA DAMMAM 31472  
SAUDI ARABIA**







# شركة المطاط العالمية INTERNATIONAL RUBBER COMPANY

## DATA SHEET EPDM RUBBER PROFILE

### FOR ALUMINIUM ARCHITECTURAL APPLICATION

- Material** : Elastomer EPDM Synthetic Rubber.
- Function** : Holding of Glass and Aluminium Sash. Excellent sealing against dust, water and winds, thermal insulation, shock absorber, good aesthetic appearance.

### General Physical Properties

Properties	Specifications	Test Method
Hardness (Shore A)	70 ± 5	DIN 53 519, Part-2
Tensile Strength (MPa)	7.5 Min.	DIN 53 504
Elongation Break %	200 Min.	DIN 53 504
Hardness Change	-5 to + 10	DIN 53 519, Part-2
Tensile Change %	-25 Max.	DIN 53 504
Elongation Change %	-50 Max.	DIN 53 504
Compression Set - 22 Hours at 70° C	35 % Max.	DIN 53 517, Part-1
Low Temperature Flexibility	Should be flexible at - 40°C	
Ozone Resistance 20% Stretch 40° C 50 PPM 96 Hrs.	No cracks	DIN 53 509, Part-1
Maximum Working Temperature	140°C	

International Rubber Co. has developed EPDM Rubber Profiles and Corner Moulded Joints to suit all major Aluminium systems used in Middle East Region. With in-house Tool Room and R & D facilities, the response time to new Developments is very short.



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Saudi Office: 11<sup>th</sup> Industrial City - Riyadh - Kingdom of Saudi Arabia - Telefax: 0966 1 2653052

C.R.No. 1010380343 من 1/1/2013

Email: [ircnyadh@rodxb.ae](mailto:ircnyadh@rodxb.ae) Website: <http://www.intrubber.com>



# AL WAKEEL GLASS FACTORY

P. O. Box 4208 Dammam 31491 Saudi Arabia  
 Tel. No: 00966 3 8220620 Fax No: 00966 3 8211504  
 E-Mail: glass@alwakeel.com

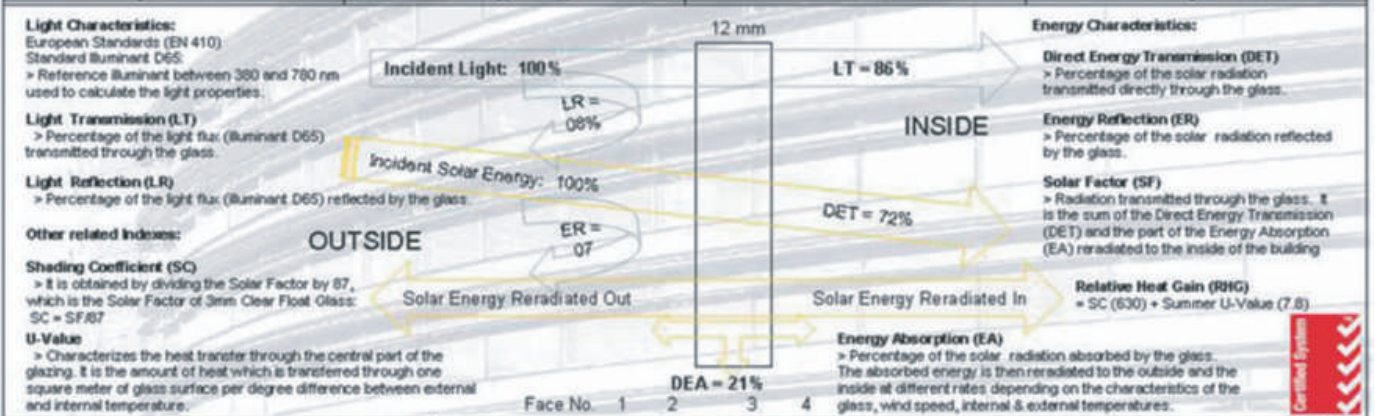


# مصنع الوكيل للزجاج

ص.ب 4208 الدمام 31491 المملكة العربية السعودية  
 تلفون 0096638220620 فاكس 0096638220620  
 www.alwakeelglass.com

## GLASS PERFORMANCE DATA

GLASS DESCRIPTION	VISIBLE LIGHT			SOLAR ENERGY					EUROPEAN	AMERICAN STANDARD	RELATIVE HEAT GAIN
	LT %	LR		ER %	DET %	EA %	SF	SC	WINTER K-VALUE	SUMMER U-VALUE	
		OUT %	IN %						W/m2/K	W/m2/K	W/m2
12 mm Guardian Clear Tempered	86	08	08	07	72	21	0.78	0.90	-	5.60	612
LT Light Transmission	ER Energy Reflectance			DET Direct Energy Transmitted				RHG Relative Heat Gain			
LR Light Reflectance	EA Energy Absorption			SF Solar Factor				SC Shading Co-efficient			



Project Name: **Al Kharejje Tower** | Performed by: **Nelson M. dela Cruz** | Reviewed by: **Engr. Ahmed Baker**

