



SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN  
CERTIFICATE OF INCORPORATION

[Under section 32 of the Companies Ordinance, 1984 (XLVII of 1984)]

Company Registration No. 00000014662/20050502

I hereby certify that: "SYMBOL INDUSTRIES (PRIVATE)

LIMITED".      xx      xx      xx      xx      xx

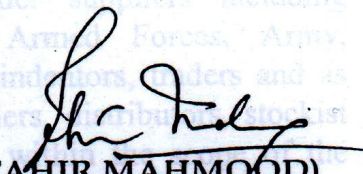
is this day incorporated under the Companies Ordinance, 1984 (XLVII of 1984) and that the company is limited by Shares.

Given under my hand at LAHORE this 19<sup>TH</sup> of MAY,

Two thousand and Five.

Fee Rs. = 140,200/-



  
(TAHIR MAHMOOD)  
JOINT REGISTRAR

NO. JRL/ 25527.

DATED: 19-05-2005.



THE COMPANIES ORDINANCE, 1984

—:O:—

(COMPANY LIMITED BY SHARES)

Memorandum  
and  
Articles of Association  
of  
**SYMBOL**  
**INDUSTRIES (PRIVATE) LIMITED**

**Company Profile**  
**Diamond Jumbolon**  
**Symbol Industries (Pvt) Ltd**  
**DIAMOND GROUP OF INDUSTRIES**

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**SYMBOL INDUSTRIES (PVT) LTD (YEAR OF ESTABLISHMENT: 2005)**

Symbol Industries (Pvt.) Ltd was incorporated under the Companies Ordinance, 1984 on 19<sup>th</sup> May, 2005. The company is located at Sundar Industrial Estate Plots # 481-490, Sundar Raiwind Road Lahore and is engaged in the business of manufacturing insulation material which is known as Diamond Jumbolon Board (Extruded Polystyrene Rigid Insulation) . It is worth mentioning that the company has produced this product first time in Pakistan. The plant is installed in the factory based on 90% imported machinery.

Management of the company is highly professional and experienced. The directors belong to the business and industrial circles of the country and enjoy a very good reputation. They are also professionally competent to undertake the whole operation & success of the project. The directors and management, belonging to this company have a track record of successes in the operations of a number of projects. The companies which they are presently controlling are being managed efficiently and profitably.

**Diamond Jumbolon Board Manufacturing Plant**

The Diamond Jumbolon Insulation Board manufacturing plant is imported from Korea. It is worth mentioning here that by the grace of God we are pioneer in producing Diamond Jumbolon Board in Pakistan. The production capacity of plant is 3000 to 3500 ton per annum. The commercial production has started instantly after its installation. The sister concern of the company M/S. Capital Ind. Enterprises (Pvt) Ltd. is already producing an insulation material with the brand name of “Diamond Jumbolon Sheets/Rolls”. The management has a vast experience of the sale of such kind of insulation, water proofing and heat proofing materials. The market of insulation material has already been established in Pakistan by our sister concern.

**Energy Conservation Needs in Pakistan**

Electricity consumption in Pakistan has been growing at a fast rate of more than 13% annually. As a result, electrical utilities have not been able to keep up with the fast growth of electricity consumption, which has led to widespread load shedding. The residential sector consumes 40%, industrial 25%, commercial 25% and agricultural sector 10% of the electricity produced. A careful estimate shown that in buildings, we consume 50% of the energy for heating and cooling by air conditioners and heaters. An air conditioner of 1.5 tons consumes 3 units of electricity in an hour and if the consumer uses the AC for 8 hours a day, this will cost Rs. 6000-8000/- (approx.), per month. During long and harsh summers, we use an AC for unlimited hours on a high thermostat, due to which, our energy bill shoots up to an alarming extent. The climate of our country provides a good setting for energy efficient techniques. This offers an



important component to the solution of Pakistan's serious energy problem. Energy efficient design or energy conservation in general offers a great possibility for significant saving of energy. One major mean of energy saving is to ensure that buildings should be well insulated which allows occupants to be comfortable with minimum energy consumption.

With changing life style and increased cost of living, now it should be our first priority to insulate our houses for improves thermal comfort, durability and economy. XPS Foam Board Insulation sheets, when used in roofs and walls, virtually stop heat transfer to nearly zero. In this regard following are the properties of our product,

### **THERMAL PROPERTIES.**

To resist heat flow is usually the principal consideration in comparing insulation materials. The material's resistance to heat flow is expressed as R-value. The higher the R-value, the greater the insulating power. However, each insulating material's R-value may vary depending upon the characteristics of its manufacture and conditions of use. In particular, the responsible design professional should consider the long-term aged R-value of installed insulations, as well as the R-value at the average use temperature, when specifying insulations.

The insulation value of most rigid foam board stock products relies in part on the blowing agent used during their manufacture. The permeation of air, which is more conductive, into the board after manufacture can affect the R-value of the insulation with time. For accurate comparisons and for reliable performance over the life of a building or insulating product, it is important to use appropriate long-term aged R-value data from all insulation manufacturers.

Also, the R-values of various insulation types change with different average use temperatures. However, since different types do not vary linearly or proportionally to other types, R-values at representative use temperatures should be used for accurate comparison. Specifically, some insulation with relatively high R-values at warm temperatures loses insulating power as the temperature drops. Note that XPS Foam Board Insulation actually has greater insulating power (higher R-value) as the mean temperature drops.

### **MOISTURE RESISTANCE AND MECHANICAL PROPERTIES.**

The superior moisture resistance of extruded polystyrene insulation provides outstanding benefits for most construction and engineering applications. The universal physical and chemical properties of water can have serious consequences for many building materials. Fortunately, the superior moisture resistance of extruded polystyrene foam insulation is well established. Not only is polystyrene naturally hydrophobic (no chemical affinity for water), but its fine closed-cell structure and smooth continuous skin helps the foam resist moisture better than other types of insulating materials.

Temperature fluctuations, above and below freezing, in the presence of moisture have serious consequences for most building materials. However, the characteristic moisture resistance of extruded polystyrene foam, combined with its tough yet resilient nature, results in excellent resistance to freeze/thaw damage.



Extruded polystyrene foam is easy to handle and available in a variety of sizes and compressive strengths to suit varied application requirements.

These and other characteristics also make extruded polystyrene foam insulation the proven product choice for below grade insulation, protected membrane roof or plaza systems and a number of special insulation applications. The uniquely resistant and durable qualities, inherent to extruded polystyrene foam, make XPS Foam Board Insulation one of the most dependable long-term insulation materials available.

## **OTHER PROPERTIES**

### **CHEMICAL RESISTANCE**

Diamond Jumbolon Foam Board insulation is recognized as a stable polystyrene plastic foam product and is resistant to many common chemicals such as: acids, bases, water and water-based paints, alcohol and alcohol-based paints, brine or salt water, cement and mortars, asphalt, etc. However, petroleum-based products may attack the foam.

### **SOIL COMPATIBILITY**

Diamond Jumbolon Foam Board Insulation is unaffected by substances normally found in soil (i.e. acids, alkalis, bacteria, etc.) It will not corrode, rot, or support the growth of mold, mildew or soil microorganisms. It has no food value and will not support plant or animal life.

### **OUTDOOR EXPOSURE AND STORAGE**

Diamond Jumbolon Foam Board Insulation is not affected by the weather and may be stored outside. Prolonged exposure to UV radiation in sunlight may cause the surface to become pale and dusty. This will have no significant effect on insulating value unless the surface is eroded and thickness is reduced.

### **SERVICE TEMPERATURES**

Diamond Jumbolon Foam Board Insulation is not recommended for uses where sustained temperatures will exceed 165°F. Avoid contact with chimneys, steam pipes, electrical or sauna heaters or other such surfaces. Intermittent exposure during installation and use should not exceed 180°F.

### **TECHNICAL SPECIFICATION**

Our product has the following Technical Specifications,

Density	32-35 kg/M <sup>3</sup>
Thermal Conductivity	0.1789 Btu.in/hr.°F.Ft <sup>2</sup>
Compressive Strength	250-350 Kpa
Available Edge Finish	Square, Ship lap, Tong & Groove.
Sheet Sizes	1250 x 600 mm, 2500x900 mm

## **DIAMOND JUMBOLON SPRAYFOAM**

Diamond Jumbolon Spray Foam is using Polyurethane technology for insulation purposes. We have imported plants from Gusmer Europe and Graco USA. We have got a fleet of 3 mobile units with working capacity of 50,000 Sqft per day. Raw materials are imported through ICI from USA, Germany, China and Japan.

## **FEATURES**

Polyurethanes are produced by fast chain reaction of specifically formulated chemicals, namely, Polyol, MDI and a blowing agent (Gas).

Blowing agent is mixed with Polyol and this gas mixed Polyol and MDI are further pumped to the nozzle of a spray gun / injection module for mixing and immediately spraying on the roof / wall or injection in pre-fabricated molds for sheets / pipes fabrication.

## **TECHNICAL FEATURES**

	British Units	Si Units
K-Value	0.166 Btu.in/ Hr.Ft <sup>2</sup> .°F	0.022W/mK
R-value	6.02 Hr.ft <sup>2</sup> .°F/ Btu.in	1.086 mK / W
Thickness	1Inch	25mm
Density (Std)	2lbs/ft <sup>3</sup>	32Kg/M <sup>3</sup> ± 10%
(Opt)	6lbs/ft <sup>3</sup>	100kg/M <sup>3</sup>

## **PRODUCT GENERAL PROPERTIES**

Further our product has following properties,  
Have very low water absorbance  
Have high mechanical resistance  
Very high compressive strength  
Fire self extinguisher  
Climate durability  
Compatibility with all usual construction materials.

## **PRODUCT UASGES**

It can be used in the construction industry and insulations. Our product is printable, flockable, embossable, moisture and water resistant, low steam and air permeability, microbe-resistant, excellent insulating properties.

By producing this material the company will not only cater the local demand of the products but it will also have the great potential of export, consequently increasing foreign exchange earning for our country.



## **FUTURE PLAN**

### **SANDWICH PANEL & STEEL STRUCTURE PLANT**

The Sandwich Panel & Steel Structure Plant imported from China will be launched foreseeing the dire need of quick construction techniques. The plant will be installed for producing Sandwich Panels and Steel Structures. It will be worth mentioning here that by the grace of God we will be pioneer to produce this product in Pakistan. The production capacity of plant is 0.7 million square meters per annum. The commercial production will give boom to local construction industry. The sister concern of the company M/S. Capital Ind. Enterprises (Pvt) Ltd. is already producing an insulation material with the brand name of “Diamond Jumbolon Boards” which will be used as the core material of these panels. The management has a vast experience of the sale of such kind of insulation and construction materials. The market of insulation material has already been established in Pakistan by our sister concern. Thus by using our links in the local market we can forecast about bright future of this project.

# Energy Efficient Housing

## Improvement of Thermal Performance of RC Slab Roofs

November 2010



Government of Pakistan  
CAPITAL DEVELOPMENT AUTHORITY  
Islamabad

UN HABITAT  
FOR A BETTER URBAN FUTURE



United Nations  
Pakistan  
improving lives and helping people



Tel: +92-51-9260686  
Fax: +92-51-9107707



No. 7(72)/Ozone/2020  
**GOVERNMENT OF PAKISTAN**  
Ministry of Climate Change  
(National Ozone Unit)  
Office 18, 2<sup>nd</sup> Floor, Executive Complex  
G-8 Markaz, Islamabad  
\*\*\*\*\*

Islamabad, the 02<sup>nd</sup> March, 2020

Subject: **Quota for the Import of Hydrochlorofluorocarbons (HCFCs) for the Year 2020**

Reference your application on the subject cited above.

2. National Ozone Unit, Ministry of Climate Change has approved your quota for the import of HCFCs as per details below;

HCFC Import Quota for 2020 (Kg)						
Importer	R22	R141B	R142B	R406A	R415b	R123b
Symbol Industries	13307.90	7304	46217.85	0	0	0

3. You are advised to abide by the quota. The following procedures/conditions are also to be strictly followed:-

- This letter is an allocation and authorization of quota.
- This allocation is valid till 31<sup>st</sup> December, 2020 only.
- The allocated quota should not be exceeded in any case.
- Utilization of quota should be made by 31<sup>st</sup> December, 2020 in any case. Whereas, 50% utilization of the quota has to be ensured by 30<sup>th</sup> June, 2020. Any consignment reaching after 31<sup>st</sup> December, 2020 (even having B/L of 2020) will not be cleared in 2021.
- If any importer has no plan to import any amount of allocated quota for the year 2020, he will intimate the same by 1<sup>st</sup> July, 2020, to the National Ozone Unit.
- Be advised that any excess imports than the allocated quota will result in cancellation of import authorization and quota along with other strict legal actions.
- Allocated quantity not utilized during 2020 will be deducted from quota share of 2021 of the importer as a penalty.
- The quota holder may refrain directly or indirectly in dealing with illegal goods;
- If any of the importers is found/reported creating pricing monopoly of imported HCFCs, then the matter will be taken up by a Committee comprising of Ministry of Climate Change, Ministry of Commerce and Federal Board of Revenue. If the Committee finds any malpractice, then the quota will be cancelled and the importing party will not be eligible for any such quota in future.

7

- j) The quota holder may avoid selling the quota to any person/firm who could sell the same under different brand name.
- k) The quota holders have to submit their respective brand names (registered or otherwise), under which they would be selling HCFCs during 2020.
- l) The quota holder will declare complete address of warehouse for the year 2020.
- m) The stocks imported to be stored in warehouse to be located in industrial area, under proper labeling/marketing of stock as per Material Safety Data Sheet (MSDS);
- n) The OSHA code for safety, transportation and handling to be applied;
- o) Your company will comply with all undertakings/certificates, required by this Ministry.
- p) The quota holder shall submit within seven working days from the date of quota issuance letter, an undertaking on Rupees 100/- judicial paper to NOU for abiding by the conditions of quota allocation letter.



(Zia Ul Islam)

National Programme Manager

**Mr. Nisar Mohyuddin,**  
General Manager (Tech),  
**M/s Symbol Industries,**  
Mohlanwal 23 Km Multan Road, Lahore.  
Mobile: +92-3229001235,  
E-mail: [nisar.mohyuddin@diamondfoam.com](mailto:nisar.mohyuddin@diamondfoam.com)



## Dubai Central Laboratory

### Construction Materials Laboratory Section - Structural Unit

#### TEST REPORT

#### THERMAL TRANSMISSION PROPERTIES BY HEAT FLOW METER (THERMAL COND)

Report No:	100394476	Request No:	EMTX-2019-036244
Project No:	PS18-1028	Report Date:	24/04/2019
Project Name:	TESTING SERVICE FOR GECO IND. PACKING LLC		
Consultant:	NA		
Contractor:	GECO IND PACKING LLC		
Location:	GECO IND. PACKING LLC - AL SAJJA SHARJAH		
Source:	SYMBOL INDUSTRIES (PVT) LTD - PAKISTAN		
Sample Description:	EXTRUDED POLYSTYRENE BOARD		
Sampling Date/Time:	08/04/2018 11:00 AM	Lot Number:	NG
Receiving Date/Time:	08/04/2019 11:57 AM	Lot Size:	- NA
Sample Size:	2 pieces	Sender No:	FROSTBERG-10C
Material/Mix type:		Laying Date/Production Date:	
Nominal Size / Working Block Size L * T * H (mm) : 1000X500X40			

### TEST RESULTS

PARAMETERS	RESULTS
SAMPLE TYPE	FROSTBERG
SUPPORT / FACING	NIL
NOM. THICKNESS (mm) :	40
NOM. DENSITY (kg/m3) :	NG
SPECIFICATION LIMIT	NG
TEST METHOD VARIATION	NIL
TYPE OF MATERIAL USED FOR CALIBRATION	STANDARD REFERENCE MATERIAL 1450C687
R VALUE @ 35deg C [ (M2 K) / W ]	0.7169
DATE OF CERTIFICATION	10-DEC-2010 00:00:00
SOURCE OF CERTIFICATION	National Institute of Standards & Technology [NIST] - U.S.A.
EXPIRY & CERTIFICATION TEST NUMBER	Refer NIST special publication 260-130
NOMINAL THICKNESS OF SPECIMEN (mm)	40.0
TEMPERATURE, RH & TIME AT WHICH SPECIMEN CONDITIONED	23 deg C, 50%RH & 48Hr.
DATE OF CALIBRATION	23-APR-2019 00:00:00
MEAN TEMP.(SET) deg C	10
TEMPERATURE DIFFERENCE (deltaT) deg C	20
NO. OF HEAT FLUX TRANSDUCER USED	2
TEST ARRANGEMENT	HORIZONTAL
METERING (TEST) AREA	100mm X 100mm
Uncertainty of measurement	REFER REMARKS
TEST NO / SPECIMEN NO.	1/1

This Report is computer approved and authorized by Structural Unit  
It does not require any signature



## Dubai Central Laboratory

### Construction Materials Laboratory Section - Structural Unit

#### TEST REPORT

#### THERMAL TRANSMISSION PROPERTIES BY HEAT FLOW METER (THERMAL COND)

Report No:	100394476	Request No:	EMTX-2019-036244
PARAMETERS	RESULTS		
MEASURED THICKNESS (L) (mm)	38.375		
MEASURED DENSITY (kg/m <sup>3</sup> )	34.00		
MEAN TEMPERATURE ACHIEVED (deg C)	9.85		
HEAT FLUX (E) W/m <sup>2</sup> .K.	1962		
THERMAL CONDUCTIVITY, W/(m K)	0.0258		
THERMAL CONDUCTIVITY, Btu-in /h.square ft.degF	0.1789		
THERMAL RESISTANCE, (Square m K) / W	1.4874		
THERMAL RESISTANCE, ft square / Btu	8.4473		
AVERAGE TEMPERATURE GRADIENT (K/m)	526.53		
WEIGHT DIFFERENCE (%)	-0.0780		
TEST DURATION ( h:mm:ss )	01:00:43		

Sampled By:	AKHTAR ABBAS	Tested By:	SSRAJU
Samples Brought By:	MUHAMMAD JAHANZAIB KHAN	Testing Date:	09/04/2019 08:34 AM
Sampling Method:	NOT GIVEN	Sampling Report No:	
Test Method:	ASTM C518 -17	Test Method Variation:	NIL
Remarks:	THIS REPORT REPRESENTS THE SUBMITTED SAMPLES ONLY. ,Uncertainty of measurement for thermal conductivity 0.0010 W/mÂ·K @ 95% confidence level, k factor 2 Abridged ASTM C 518 Test Report.		

To verify this document please go to <http://login.dm.gov.ae/wps/portal/documentverification> and Enter Document ID: **EMTX-2019-036244** and Verification Code: **451-625** or scan the QR code below.



This Report is computer approved and authorized by Structural Unit  
It does not require any signature





## TAXPAYER REGISTRATION CERTIFICATE

(Under Section 181C of the Income Tax Ordinance 2001)

Registration No. 2292280



2292280

Date of Registration 26-May-2005

Type of Person Company

Inc. No. 0050437

Inc. Date 19-May-2005

Name SYMBOL INDUSTRIES (PRIVATE) LIMITED

Address 23-KM MULTAN ROAD, MOHLANWAL, LAHORE, Lahore Iqbal Town

Tax Office RTO (CORPORATE) LAHORE

Activity Type Business

Inland Revenue Service

**This is a computer generated certificate and,  
hence, no signatures are required.**

Displaying of Taxpayer Registration Certificate is mandatory as  
provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C)  
of sections 2 and 181A of the Income Tax Ordinance 2001.







**PAKISTAN GREEN BUILDING COUNCIL**

Hereby presents

***Diamond Jumbolon***

**Platinum Founding Member**

Membership number: FMP-112

The Pakistan Green Building Council is the Nation's leading coalition of leaders to introduce, promote and advocate sustainable concepts and practices to transform the way buildings and communities are designed, built and operated. Enabling an environmentally and socially responsible, healthy and prosperous environment that improves the quality of life.

  
.....  
**Aqrab Ali Rana**  
Chief Executive



**iapex**

2019 PESHAWAR

Architectural Profession  
in Islamic Republic of Pakistan  
Vision 2025 & Beyond



**iap**

INSTITUTE OF ARCHITECTS  
P A K I S T A N  
PESHAWAR CHAPTER

27th, 28th and 29th September

## Building Materials & Products Exhibition and RCESS - II

2<sup>nd</sup> International Conference on Regional  
Challenges & Exploring Sustainable Solutions

2<sup>nd</sup> Round Table of National Working Group

Event & Marketing Manager

  
**MOD Consultancy**  
Mob: 0300-9879495

Main Sponsor

  
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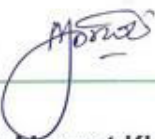
  
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## This is to certify that

Symbol Industries Pvt Ltd.

attended the 2nd international Conference on Regional  
Challenges & Exploring Sustainable Solutions (RCESS-II/  
IAPex-2019) Peshawar from 27th, 28th & 29th September 2019.

  
**Ar. Marwat Khan**  
Chairman IAP-PC

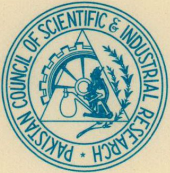
  
**Ar. Mansoor Ahmad Khan**  
Convener IAPex - 2019

  
**Ar. Mir Wali Shah**  
Conference Chair



GOVERNMENT OF PAKISTAN  
Ministry of Science & Technology

Sr. No. PCSIR-LLC-148343



Pakistan Council of Scientific & Industrial Research  
Laboratories Complex, Lahore

FEROZEPUR ROAD, LAHORE 54600 - PAKISTAN

Doc# LLC/QMR/FF/030 Issue Date: Jan 4<sup>th</sup> 2013 Issue # 01 Rev # 02



TEST REPORT

Report No: PITMAEM/MI/3783-03/19

Dated: 07-03-2019

Name & Address of Customer: M/s Symbol Industries (Pvt) Ltd, 23-Km Multan Road, Mohlanwal, Lahore.

Request Ref. # & Date: DJB/PCSIR/SQ/05 Nil

Sheet No: 1/1

Description of Sample: Compression & Density tests of provided Diamond Jumbolon Board sample

No. of Sample(s): One (01)

ILO Log #and Date: 871 Dated: 27-02-2019

Ref/Code #: MECH #  
4326/19-049  
JHM # 2807

Method used /Specs: ASTM D 1621, D 792

Temp. & Humidity: -

Statement of Non-compliance: Nil

Testing Date: 06-03-2019

RESULTS

Sample ID	Compressive Strength (Kpa)	Density (Kg/m <sup>3</sup> )
01	308.76	35.45

END

- This test/calibration certificate is based solely on the particular sample(s) supplied by the client and should not be reported in part.
- Sampling has not been performed by the PCSIR Labs and PCSIR does not accept the responsibility that the item(s) supplied is/are truly representative item(s) of any batch or stock or entire production.
- While the PCSIR agrees to take every reasonable precaution to ensure validity of its test results, it assumes no liability there of beyond the amount of the fee charged for the analysis/test.
- The party shall assume full responsibility for the ethical use of the results in the test/calibration certificate and the laboratory shall be held free from any and all claims, which may result from the use of such data by the client or others.
- After completion of the test/calibration the sample, if required, will be retained for one month until negotiated otherwise.
- The contents of this certificate cannot be, in any manner, used for the publicity of the product or any advertisement.
- Uncertainty of measurements can be provided on request.



Prepared by:

Naderuddin Soomro  
(Junior Engineer) PITMAEM  
PCSIR Labs Complex, Lahore

Section Incharge

Engr. Muhammad Nadeem  
Head (PITMAEM)  
PCSIR Labs Complex, Lahore  
Ministry of Science & Technology  
Govt. of Pakistan  
Head of the Centre

Counter signature

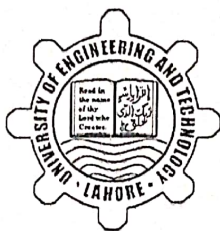
Director General

Page 1 of 1

Tel: +92 42 99231798; FAX No. +92 42 99230688 - 95 Fax: +92 42 99230705  
Email: ilo@pcsir-lhr.gov.pk; website: www.pcsir-lhr.gov.pk







## Department of Textile Engineering

UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE  
FAISALABAD CAMPUS

3½ Km. Khurrianwala – Makkuana By-Pass, Faisalabad.

Ph. # 041-2433507, Fax # 041-412433502

No. UET/FSD/TXT/429

Date: 14-2-2020

### LOI Testing Report

#### Limiting Oxygen Index (LOI) by ASTM-D 2863

Item	Description
Material	Diamond Jumbolon Foam Board
Standard Method	ASTM-D 2863
Limiting Oxygen Index (LOI)	28.3%

Note: This report is generated on behalf of Diamond Jumbolon- Symbol Industries (Pvt) Ltd

Dr. Muhammad Mohsin

Chairman, Department of Textile Engineering

UET Lahore, Faisalabad Campus

Tel: +92-51-9260686

Fax: +92-51-9107707



No. 7(72)/Ozone/2019  
**GOVERNMENT OF PAKISTAN**  
Ministry of Climate Change  
(National Ozone Unit)  
Office 18, 2<sup>nd</sup> Floor, Executive Complex  
G-8 Markaz, Islamabad  
\*\*\*\*\*

Islamabad, the 27<sup>th</sup> February, 2019

Subject: **Quota for the Import of Hydrochlorofluorocarbons (HCFCs) for the Year 2019**

Reference your application on the subject cited above.

2. National Ozone Unit, Ministry of Climate Change has approved your quota for the import of HCFCs as per details below;

HCFC Import Quota for 2019 (Kg)						
Importer	R22	R141B	R142B	R406A	R415b	R123b
Symbol Industries	13307.90	7304	46217.85	0	0	0

3. You are advised to abide by the quota. The following procedures/conditions are also to be strictly followed:-

- This letter is an allocation and authorization of quota.
- This allocation is valid till 31<sup>st</sup> December, 2019 only.
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- Utilization of quota should be made by 31<sup>st</sup> December, 2019 in any case. Any consignment reaching after 31<sup>st</sup> December, 2019 (even having B/L of 2019) will not be cleared in 2020.
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- Be advised that any excess imports than the allocated quota will result in cancellation of import authorization and quota along with other strict legal actions.
- Allocated quantity not utilized during 2019 will be deducted from quota share of 2020 of the importer as a penalty.
- The quota holder may refrain directly or indirectly in dealing with illegal goods;
- If any of the importers is found/reported creating pricing monopoly of imported HCFCs, then the matter will be taken up by a Committee comprising of Ministry of Climate Change, Ministry of Commerce and Federal Board of Revenue. If the Committee finds any malpractice, then the quota will be cancelled and the importing party will not be eligible for any such quota in future.
- The quota holder may avoid selling the quota to any person/firm who could sell the same under different brand name.



- k) The quota holders have to submit their respective brand names (registered or otherwise), under which they would be selling HCFCs during 2019.
- l) The quota holder will declare complete address of warehouse for the year 2019.
- m) The stocks imported to be stored in warehouse to be located in industrial area, under proper labeling/marketing of stock as per Material Safety Data Sheet (MSDS);
- n) The OSHA code for safety, transportation and handling to be applied;
- o) Your company will comply with all undertakings/certificates, required by this Ministry.
- p) The quota holder shall submit within seven working days from the date of quota issuance letter, an undertaking on Rupees 100/- judicial paper to NOU for abiding by the conditions of quota allocation letter.



(Zia Ul Islam)

National Programme Manager

**Mr. Nisar Mohyuddin,**  
General Manager (Tech),  
**M/s Symbol Industries,**  
Mohlanwal 23 Km Multan Road, Lahore.  
Mobile: +92-3229001235,  
E-mail: [nisar.mohyuddin@diamondfoam.com](mailto:nisar.mohyuddin@diamondfoam.com)

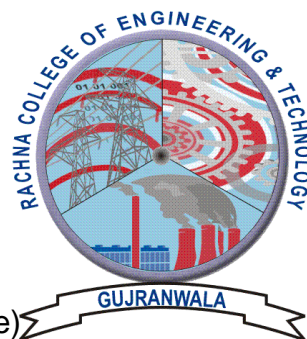




**University of Engineering and Technology, Lahore**  
**RACHNA COLLEGE OF ENGINEERING & TECHNOLOGY**  
**GUJRANWALA**

(A Constituent College of University of Engineering & Technology, Lahore)

Phone: - 055 – 6770168, Fax: - 055-6773214



Client Name: Akhar Abbas, Diamond Foam, Lahore.

Client Identity: AKHTAR ABBAS

Client Address: SYMBOL INDUSTRIES (PVT) LTD. 23-Km Multan Road Mohlanwal Lahore.

Subject: Density, Compressive Strength & Thermal Conductivity Tests  
Of provided Diamond Jumbolon PU Spray Insulation  
Samples.

**Density Test**

Standard Used: ASTM D-792, D-1621

Sr. No.	Sample ID	Density (Kg/m3)
1	PU-01	33
2	PU-02	33.5

**Compressive Strength Test**

Standard Used: ASTM D-792, D-1621

Sr. No.	Sample ID	Compressive Strength (N/mm2)
1	PU-01	0.176
2	PU-02	0.177

**Thermal Conductivity Test**

Standard Used: ASTM C-518

Sr. No.	Sample ID	Thermal Conductivity (W/m.k)
1	PU-01	0.016
2	PU-02	0.016

Dr. Hassan Ali

Head

Mechanical Engineering Department, Rachna College of Engineering and Technology, UET Lahore

Hassan.ali@uet.edu.pk



# SYMBOL INDUSTRIES PVT LTD.

## LABORATORY TESTING REPORTS

CMP/4/012

DATE : 12/02/2020 Revision/00

SR. NO.	PRODUCT TYPE	BATCH NO.	COLOR	THICKNESS (MM)	PHYSICAL THICKNESS (MM)	DENSITY	Compressive Strength	Cell Structure
						32 - 36 KG/M3 (ASTM D-1622)	250-400 Kpa (ASTM D-1621)	fine
1	DJB	20-B5510	PINK	100	101-102	35.63 KG/M3	364	Fine

Wasim Sarwar

Assistant Manager QC

*Wasim Sarwar*



*Akhtar Abbas*

Akhtar Abbas

Department Head QC





## PUNJAB INDUSTRIAL ESTATES DEVELOPMENT AND MANAGEMENT COMPANY

PIE/SIE/CETP/4240  
25<sup>th</sup> July, 2019

Majestic Plastic Industries,  
Plot # 412, Sunder Industrial Estate,  
Raiwind Road,  
Lahore.

Subject: **STATUS OF COMBINED EFFLUENT TREATMENT PLANT (CETP)  
IN SUNDAR INDUSTRIAL ESTATE (SIE)**

Reference: - Your letter MPIL/ADMN/19-02, dated July 18, 2019

The required information as asked vide above referred letter is as follows: -

1. As per Chapter no. 7: Para 51.3 of the Industrial Building Regulations of Punjab Industrial Estate and Section 12 for Pakistan Environment Protection Act-1997 (PEPA-1997), industrialist is responsible to install in-house wastewater treatment plant for preliminary level of treatment.
2. However, for secondary biological treatment, CETP having 12 acres area is earmarked for the treatment of whole industrial estate effluent. Recently PC-1 is being submitted by PIEDMC through a program (P4R) sponsored by World Bank regarding the establishment of CETP on priority basis. The case is under process and approval is awaited.

*Zafar Alam*

**Zafar Alam**  
Manager Technical

C.C:

- CEO Secretariat
- GM (T)



Head Office: Commercial Area (North) Sunder Industrial Estate, Sunder-Raiwind Road, Lahore.

Tel: 042-35297203-6, Fax: 042-35297207

Website: [www.pie.com.pk](http://www.pie.com.pk)



An Approved Non Profit Organisation U/S 2(38) of Income Tax Ordinance 2001

## TEST REPORT

No.FNG20180601

Requester: Syntex Industries Ltd, Pakistan. (XPS foam Board)



No.	ITEMS	REQUIRMENTS OF STANDARD	TEST RESULT	INDIVIDUAL CONCLUSION
1	APPEARANCE QUALITY	Surfaces smooth no inclusions, Uniform color. Should not have the effect of using the visible defects such as bubbles, cracks deformation etc.	Pass	Pass
2	OXYGEN INDEX	$\geq 26 \%$	27.5 %	Pass
3	COMPRESSIVE STRENGTH	$\geq 250$ Kpa	334.1 Kpa	Pass
4	THERMAL CONDUCTIVITY	0.025-0.029 W/m.k 0.1773-0.201 Btu-in / h. ft <sup>2</sup> .°F	0.0285 W/m.k 0.1976 Btu-in / h. ft <sup>2</sup> .°F	Pass
5	DIMENSIONAL STABILITY	$\leq 1.5\%$	1.0439 %	Pass
6	DENSITY	25-45 Kg/m <sup>3</sup>	32.75 Kg/m <sup>3</sup>	Pass
7	STANDARD	GB/10801.2-2002 Rigid extruded polystyrene foam board for thermal insulation(XPS) equal to ASTM C-518 GB8624-2012 Classification for burning behavior of building materials and products equal to ASTM D-2863 and ASTM D-1621&1622		
8	CONCLUSION	Conformity		
9	REPORT DATE	Mar-27 -2018 (samples receiving date: Mar-20-2018)		



**Department of Polymer & Process Engineering**  
**University of Engineering & Technology Lahore-Pakistan**

Ref No. UNIV/PPE/172

Dated: 20-02-2019

**Client Identity:** Akhtar Abbas, Manager QC and R & D, Symbol Industries (Pvt.) Ltd. Diamond Group of Industries, 23-km Multan Road Mohlanwal, Lahore

**Client Reference:** Nil, **Dated:** 19-02-2019

**Subject as Client Mention:** Request for XPS Insulation Board Materials Testing for Density & Compressive Strength.

**Density Test**

**Standard Used:** ASTM D1622/D1622M- 14

Sr.#	Sample ID	Value (g/cm <sup>3</sup> )
1	XPS Insulation Board (25mm)	0.0336
2	XPS Insulation Board (38mm)	0.0339

**Compression Test**

**Standard Used:** ASTM D1621

Sr.#	Sample ID	Minimum Value (MPa)	Maximum Value (MPa)	Average Value (MPa)
1	XPS Insulation Board (25mm)	0.33	0.35	0.34
2	XPS Insulation Board (38mm)	0.33	0.34	0.333

  
**Dr. Shafiq Irfan**  
**Assistant Professor**

Assistant Professor  
Department of Polymer & Process Engineering  
University of Engineering  
and Technology, Lahore.

  
**Prof. Dr. Asif Ali Qaiser**  
**Chairman**



**NOTE:**

1. Results have been quoted based on the received samples.
2. Average value of compression test is based on two and value of density test is based on one test piece only.





# SYMBOL INDUSTRIES PVT LTD.

## LABORATORY TESTING REPORTS

CMP/4/011

DATE : 23/01/19

Revision/00

SR. NO.	PRODUCT TYPE	COLOR	THICKNESS (MM)	PHYSICAL THICKNESS (MM)	DENSITY	Compressive Strength	Cell Structure
					32 - 36 KG/M3 (ASTM D-1622)	250-400 Kpa (ASTM D-1621)	Closed Very fine
1	XPS	PINK	25	25.9	33.83 KG/M3	273	Fine

  
Akhtar Abbas

Manager QC and R&D

  
Tariq Farooq  
Executive Director



# ***Thanks***

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Like us at : [Diamond Jumbolon](#)

