

**HIGHEST PERFORMING
RADIANT BARRIER HYBRID
REFLECTIVE INSULATION
IN THE MARKET**

Turn down the temperature
& help turn up the savings

DUAL TECHNOLOGY – HYBRID INSULATION

About Us

Founded in the year 1997 as a part of the Paramount® Group of Industries, Paramount® Intercontinental is a leading insulation material manufacturer for the HVAC, Construction, Automotive, Sports, Waterproofing, Packaging and Medical Industry. We produce a wide range of different products to meet our customer requirements and conform to the latest-standards.

Our Insulation material have been tested and approved by leading 3rd party National and International independent Laboratories and Government bodies for a variety of applications. Our materials are supplied in all states of India and in more than 10 countries internationally. Paramount® Intercontinental spearheaded the revolution of environment-friendly Chemically Crosslinked Closed Cell Polyethylene Insulation followed by the introduction of Oxide Acetate Foam for HVAC and Acoustical applications in 2016.

This brochure outlays the technical specifications of our Paramount® Radiant Barrier Hybrid Reflective Insulation which was developed in 2018 from more than two decades of product research and experience in the insulation industry incorporating the latest technology and providing high performance solutions in this field.



PARAMOUNT® RADIANT BARRIER HYBRID REFLECTIVE INSULATION

Paramount® Radiant Barrier Hybrid Reflective Insulation is composed of three layers of Polyethylene Foam, one diamond-cut layer (to create air pockets) sandwiched between two layers of chemically cross-linked closed cell polyethylene foam which is factory laminated with pure Aluminium foil (a low emitting material) on the outer side of the foam material.

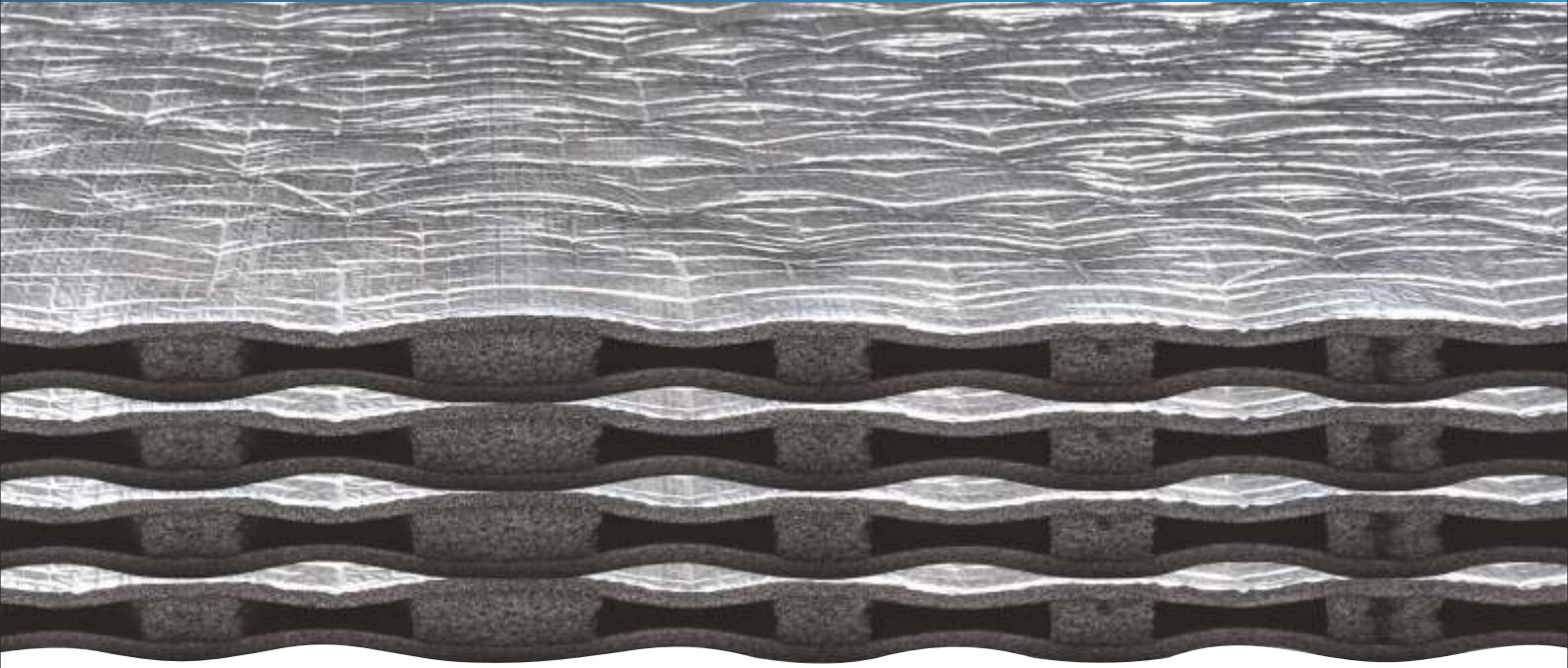
Paramount® is **First in the World** to manufacture this type of Radiant Barrier Hybrid Reflective Insulation, which is a vapor barrier, heat reflective, hybrid in nature product, that is manufactured with a uniquely combined “**Air Entrapment + XLPE Technology**”.

**THE STIFFNESS IN MATERIAL
MAKES IT EASY TO INSTALL
AND HELPS REDUCE SAGGING.**



It has been designed to keep out summer heat (heat gain) and hold in heat generated in the winter (heat loss), while reducing moisture condensation and blocking water vapor. The encapsulated air entrapment technology provides a thermal break to minimize conductive heat from moving through the material.

Paramount® Radiant Barrier Hybrid Reflective insulation comes in multiple variations and various thicknesses of 20 mm, 30mm and 50 mm to fit different applications. Any desired thickness can be manufactured based on the requirement of U-Factor of your project.



20mm Radiant Barrier Hybrid Reflective Insulation

Contains two layers of **4mm** fire retardant XLPE foam laminated with aluminium foil with a diamond cut XLPE Air Entrapment layer in between of **12mm**

Roll Size (W X L) - 1.25 m X 20 m

30mm Radiant Barrier Hybrid Reflective Insulation

Contains two layers of **4mm** fire retardant XLPE foam laminated with aluminium foil with a diamond cut XLPE Air Entrapment layer in between of **22mm**

Roll Size (W X L) - 1.25 m X 15 m

50mm Radiant Barrier Hybrid Reflective Insulation

Contains two layers of **4mm** fire retardant XLPE foam laminated with aluminium foil with a diamond cut XLPE Air Entrapment layer in between of **42mm**

Sheet Size (W X L) - 1.25 m X 2 m

ADVANTAGES OF PARAMOUNT® RADIANT BARRIER HYBRID REFLECTIVE INSULATION OVER OTHER REFLECTIVE INSULATION PRODUCTS

- Paramount® Radiant Barrier Hybrid Reflective Insulation has an extra layer of XLPE as compared to normal insulation. i.e. Chemically Cross-linked Closed Cell Polythene Foam Insulation. It has the best thermal conductivity i.e. 0.025 W/m K at 23 °C. It is also suitable for a wide temperature range from -40 °C to +115 °C. The presence of uniquely combined **“Air Entrapment + XLPE Technology”** in Paramount® Radiant Barrier Hybrid Reflective Insulation enhances overall performance of temperature reduction.
- Paramount® Radiant Barrier Hybrid Reflective Insulation stands out because it remains unaffected by most mild acids and alkalis. It also offers high resistance to ingress of moisture therefore, as a result, its thermal properties remain unaltered with time. It is resistant to Fungi and Bacteria attack which is essential in low-temperature application.
- **“Air Entrapment + XLPE Technology”** in Paramount® Radiant Barrier Hybrid Reflective Insulation is suitable for blocking radiative heat and heat transfer through conduction and convection which in turn gives added advantage and enhances the overall performance of the insulation. It also enhances overall acoustic property and helps in reducing rainwater noise in metal roofing when it is applied under deck.



PARAMOUNT® RADIANT BARRIER HYBRID REFLECTIVE INSULATION BENEFITS:



Energy Efficient – reduces heat gain and loss year-round, not affected by moisture or humidity, and reduces interior condensation.



Easy to Install – industrialized-strength yet lightweight, does not require protective clothing or respirators, and is maintenance free once installed.



Durable – puncture and tear resistant, coated to prevent oxidation and UV degradation.

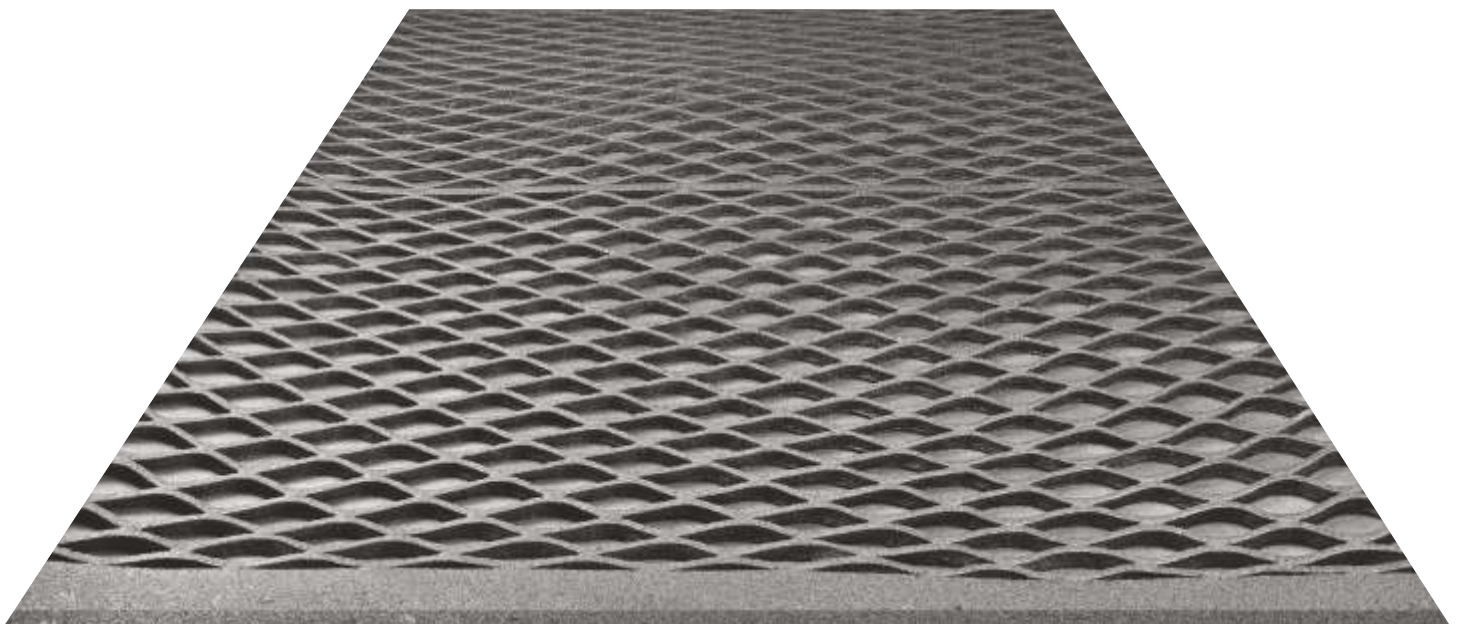


Safe – non-toxic, non-carcinogenic, fiber-free, does not support the growth of mold, does not provide a growth medium or nutritive value for fungus and is Class O and Class 1 fire rated as BS476 Part -6 and Part- 7 (the highest and safest fire rating for building products in India).



High Quality – 100% Made in India.

DIAMOND-CUT LAYER



Applications



Under Roof



UnderDeck



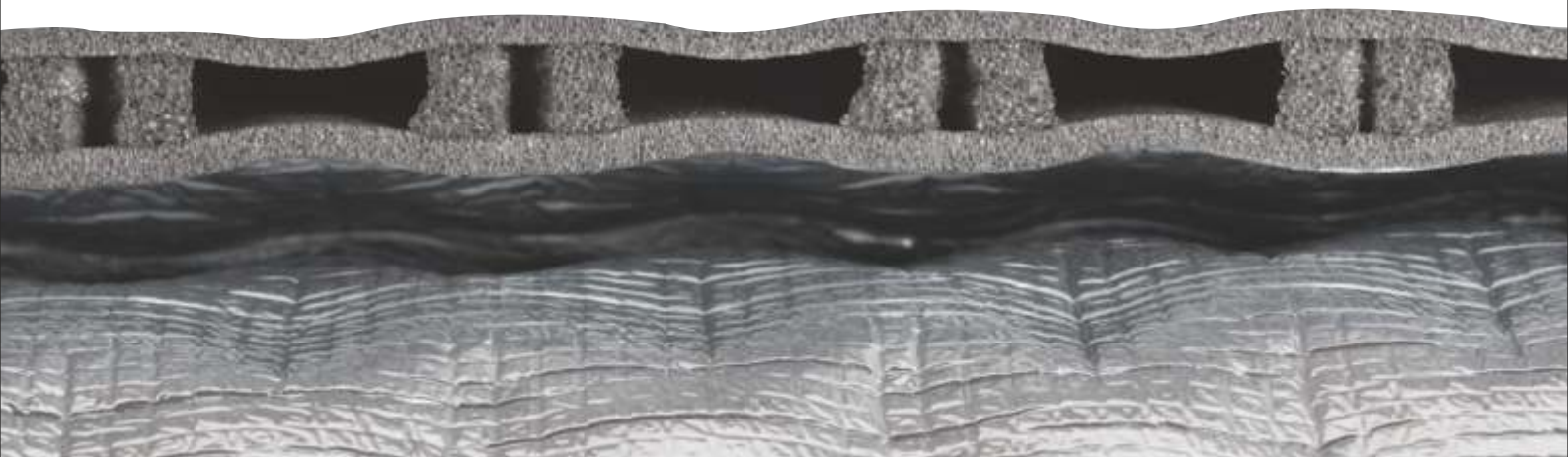
Wall

Fully Certified

A range of innovative insulation products that are fully tested both under laboratory and real conditions of use, so their performance is guaranteed. Paramount® Radiant Barrier Hybrid Reflective Insulation has been tested according to the following standards

- ASTM C1363-11: Thermal performance of building materials – Determination of thermal resistance – Heat flow meter method
- ASTM E1980-11, ASTM C1371:2015 and EN410:2011 : For Boundary conditions to calculate solar direct reflectance, emissivity, solar reflectance index (SRI) and surface temperature under different wind conditions

The thermal performance of the products is verified in real life, which eliminates any doubt between predicted energy savings, based on laboratory measured product performance, and actual achieved energy savings.



Technical Properties

Insulation Property	Insulation Property Parameter
Fire Propagation Index	Class-O as per BS476 Part-6 (CBRI Approved)
Fire Spread Flame	Class-1 as per BS476 Part-7 (CBRI Approved)
Solar Direct Reflectance ¹	0.7729
Solar Reflectance Index (SRI) ²	83 High Wind ($h_c = 30W / m^2 k$)
Emissivity ³	0.07
Surface Temperature	76.8 – 44.2 Low Wind to High Wind ($h_c = 30W / m^2 k$)
Average Density	20 to 25 kg/m ³
Working temperature	–40°C +115°C
Water Vapour resistance (μ)	12805
Oxygen Index	27.7% (ASTM D 2863)
Thermal Transmittance (U-Value)	50mm – 1.113 W / m ² k 30mm – 1.248 W / m ² k 20mm – 1.274 W / m ² k
Thermal Resistance (R-Value)	50mm – 0.898 m ² k/W 30mm – 0.801 m ² k/W 20mm – 0.785 m ² k/W

Solar Direct Reflectivity or Reflectance: Is the ability of a material to reflect solar energy from its surface back into the atmosphere. SR value is a number from 0 to 1, 0 indicates that the material absorbs all the solar energy and 1 indicates total reflectance.

²Solar Reflectance Index (SRI):Is used for compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. To meet LEED requirements a roofing material must have a SRI of 29 or higher for steep slope roofing and a SRI value of 78 or higher for low slope roofing.

3 Emissivity: The emissivity of the surface of a material is its effectiveness in emitting energy as thermal radiation. Thermal Radiation is electromagnetic radiation and it may include both visible radiation and infrared radiation. All objects at temperatures above absolute zero emit thermal radiation. For any particular wavelength and temperature, the amount of thermal radiation emitted depends on the emissivity of the objects surface. Emissivity is defined as the ratio of the energy radiated from a materials surface to that radiated from a blackbody (a perfect emitter) at the same temperature and wavelength and under the same viewing conditions. The emissivity of a surface depends not only on the material but also the nature of the surface.

How does a Radiant Barrier work?

It is important to understand the simplicity of how radiant barriers work and their applications in industrial and commercial construction. Heat always travels hot to cold and its method of travel is via radiation, convection and conduction. In a roof space, radiation accounts for as much as 93% of the heat flow. The roof temperature increases as the sun strikes the roof surface. Roofing materials (shingles and decking) are often poor reflectors, emitting or re-radiating 90% of incoming solar energy. Dark shingles absorb as much as 95% of the incoming solar heat gain. The hot roof material begin transferring this heat to the coolest insulation below, heating the insulation's surface in the same manner. The insulation becomes saturated and begins transferring to all surfaces within the interior. The radiant surface temperatures of the walls and ceilings have a direct influence on the comfort level and increase energy costs. Even today, most energy conservation programs, while recognizing radiant barriers, continue to overemphasize insulation in controlling heat flow from the roof to interior. A film of aluminium foil is the primary component of a radiant barrier system. Compared to a dark surface, aluminium foil only emits 3% to 5% of as much radiant energy from its surface. Thus, radiant barriers can block 95% to 97% of radiant heat flow.

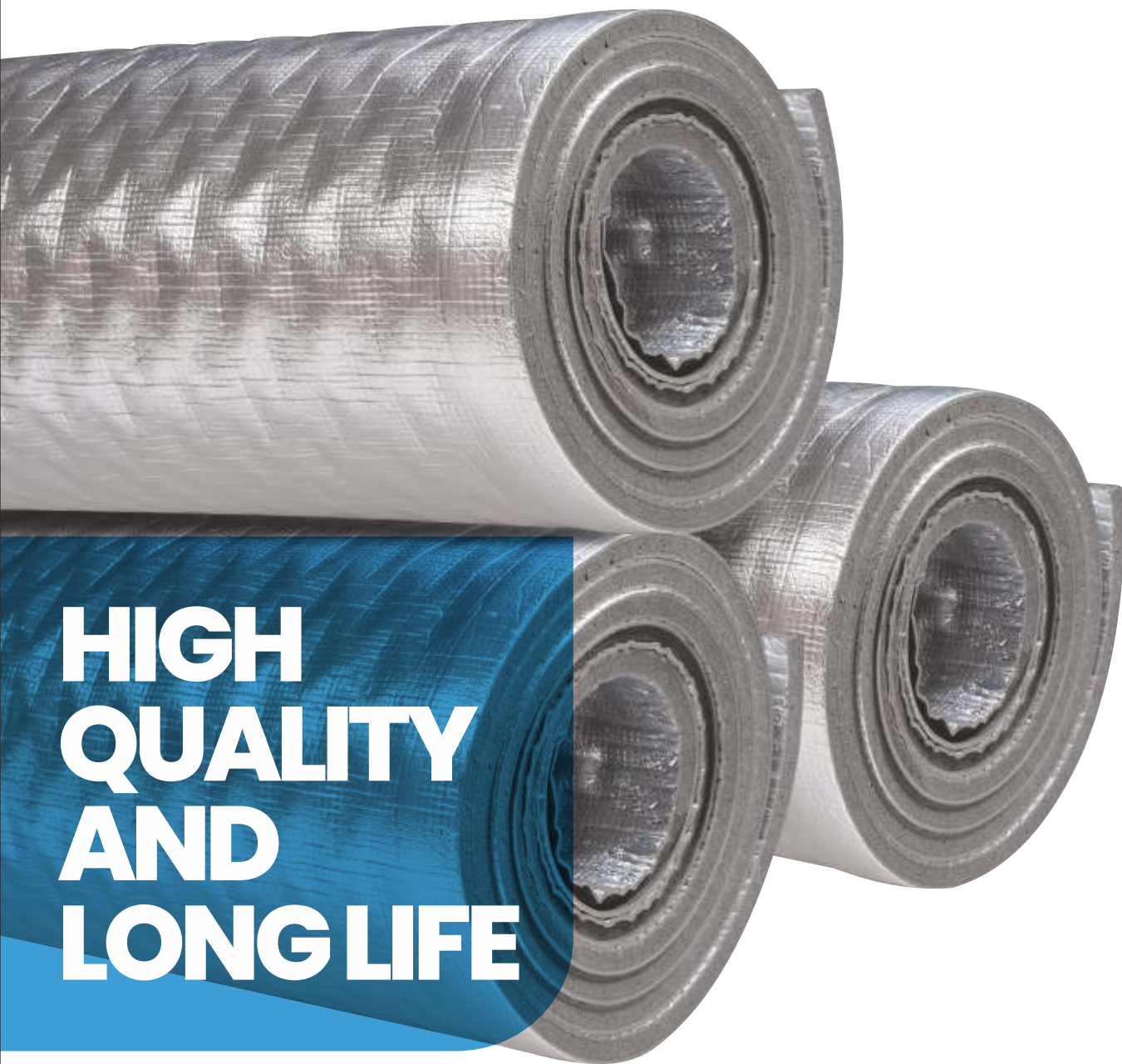


During a typical summer afternoon, a properly installed roof radiant barrier system will:

- Reduce temperature as much as 10-12 degrees
- Reduce heat transfer from roof to living space up to 50%
- Extend the life of the air-conditioning unit
- Increase the comfort level of the home

Paramount® Radiant Barrier Hybrid Reflective Insulation is recognized for its thermal performance, easy installation, versatility and environmental friendliness and offers a number of advantages over traditional insulations.

Remember, as much as 93% of the total heat gain from the roof decking to the top of the insulation is via radiation, and a radiant barrier will stop as much as 97% of radiant heat transfer. Bulk XLPE and air entrapped in a diamond-cut layer of XLPE reduces heat transfer which may occur due to conduction and convection effect. Studies have shown that a radiant barrier combined with mass insulation is an effective way to reduce the cost of air conditioning and heating.



**HIGH
QUALITY
AND
LONG LIFE**

20 mm Thickness

CEPT Research & Development Foundation,
Test Report for Overall Thermal Transmittance (U - Value)



TC-7020

ULR-TC702019000000174F

Report No: CRDF/RPT/GHB/U-Val/010

Report Date: 16th December 2019

Report of test carried out by CEPT Research & Development Foundation for U - Value of Supplied Material

The test results of the specimen submitted for U - Value on date 21st October 2019 are as under:

1. Customer Information

- i. Name of the Organization : M/S Paramount Intercontinental Pvt. Ltd.
- ii. Contact Person : Mr. Manjul Gupta
- iii. Address : M-2, Industrial Area, Sonapat,
Haryana - 131001
- iv. Phone Numbers : 9818644470
- v. Fax Number : 011 27311363
- vi. Email : sales@paramountinsulation.in

2. Mechanical Testing

2.1 Building Envelope

2.1.1 Sample Details

- i. Sample Identification Number : U-Val/11/19/0010
- ii. Name and any other pertinent : Paramount Radiant Barrier Reflective Insulation
- iii. Identification of the material : Paramount Radiant Barrier Reflective Insulation
(Including physical description)
- iv. Instrument used : Guarded Hot Box
- v. Instrument Calibration Verified on : 12th December 2018.
- vi. Estimated Uncertainty : $\pm 0.007 \text{ W/m}^2\text{K}$
- vii. Standard Used : In accordance with ASTM C1363-11

2.1.2 Test Specimen size : 990mm Width X 990mm Height X 20mm Thickness

2.1.3 Tested By : Jayamin Patel

2.1.4 Description of Test Specimen : As per attached sheet

2.1.5 Test period:

	Date
Beginning	26 th November 2019 10:42 AM
End	02 nd December 2019 12:56 PM

Jayamin Patel

Jayamin Patel
Assistant Lab. Manager



Yashkumar Shukla

Yashkumar Shukla
Technical Director

CEPT Research & Development Foundation, CEPT University, K. L. Campus, Navrangpura, Ahmedabad- 380 009.
Phone No: 079-26302470- Extn: 383, 26302740 Fax: +91 79 26302075. Email: ashajoshi@cepf.ac.in

Page 1 of 4

F/TR/01/GHB/U-Val, ISSUE No. 05

20 mm Thickness

CEPT Research & Development Foundation,
Test Report for Overall Thermal Transmittance (U – Value)



TC-7020

ULR-TC702019000000174F

Report No: CRDF/RPT/GHB/U-Val/010

Report Date: 16th December 2019

2.1.12 Results of the measurement:

Sr. No.	Parameter	Measured Value
01	Average Metering Chamber Surface Temperature	40°C
02	Average Metering Chamber Air Temperature	40°C
03	Average Metering Chamber Air Velocity	0.03m/s
04	Average Climate Chamber Surface Temperature	15 °C
05	Average Climate Chamber Air Temperature	15 °C
06	Average Climate Chamber Air Velocity	0.09m/s
07	Mean Temperature across the specimen	27.5°C
08	Temperature difference across the specimen	25°C
09	Overall Thermal Transmittance (U – Value)	1.274W/m²k
10	Overall Thermal Resistance (R – Value)	0.785m²k/W

Remark, if Any:

3 Certificate of Accuracy:

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.



Jayamin Patel
Assistant Lab. Manager

Disclaimer:





Yashkumar Shukla
Technical Director

1. The CEPT Research & Development Foundation is not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.
2. The test results and the statement of compliance with specification in this report relate only to the test sample as tested and not to the sample/item from which the test sample was drawn. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.
3. Any complains about this report should be communicated in writing within 7 days of issue of the report.
4. The test report shall not be reproduced fully or partially or in parts and cannot be used as an evidence in a court of law and shall be used in advert singeing media without written approval of Director, CEPT Research & Development Foundation.

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F/TR/01/GHB/U-Val, ISSUE No. 05

30mm Thickness

CEPT Research & Development Foundation,
Test Report for Overall Thermal Transmittance (U – Value)



ULR-TC702019000000175F

Report No: CRDF/RPT/GHB/U-Val/011

Report Date: 16th December 2019

Report of test carried out by CEPT Research & Development Foundation for U - Value of Supplied Material

The test results of the specimen submitted for U - Value on date 21st October 2019 are as under:

1. Customer Information

- | | | |
|------|--------------------------|--|
| i. | Name of the Organization | : M/S Paramount Intercontinental Pvt. Ltd. |
| ii. | Contact Person | : Mr. Manjul Gupta |
| iii. | Address | : M-2, Industrial Area, Sonapat,
Haryana - 131001 |
| iv. | Phone Numbers | : 9818644470 |
| v. | Fax Number | : 011 27311363 |
| vi. | Email | : sales@paramountinsulation.in |

2. Mechanical Testing

2.1 Building Envelope

2.1.1 Sample Details

- | | | |
|------|--|---|
| i. | Sample Identification Number | : U-Val/12/19/0011 |
| ii. | Name and any other pertinent | : Paramount Radiant Barrier Reflective Insulation |
| iii. | Identification of the material
(Including physical description) | : Paramount Radiant Barrier Reflective Insulation |
| iv. | Instrument used | : Guarded Hot Box |
| v. | Instrument Calibration Verified on | : 12 th December 2018. |
| vi. | Estimated Uncertainty | : $\pm 0.007 \text{ W/m}^2\text{K}$ |
| vii. | Standard Used | : In accordance with ASTM C1363-11 |

2.1.2 Test Specimen size : 990mm Width X 990mm Height X30mm Thickness

2.1.3 Tested By : Jayamin Patel

2.1.4 Description of Test Specimen : As per attached sheet

2.1.5 Test period:

	Date
Beginning	05 th December 2019 10:26 AM
End	10 th December 2019 04:19 PM


Jayamin Patel
Assistant Lab. Manager




Yashkumar Shukla
Technical Director

CEPT Research & Development Foundation, CEPT University, K. L. Campus, Navrangpura, Ahmedabad- 380 009.
Phone No: 079-26302470- Extn: 383, 26302740 Fax: +91 79 26302075. Email: ashajoshi@cepf.ac.in
Page 1 of 4

F/TR/01/GHB/U-Val, ISSUE No. 05

30mm Thickness

CEPT Research & Development Foundation,
Test Report for Overall Thermal Transmittance (U – Value)



ULR-TC702019000000175F

Report No: CRDF/RPT/GHB/U-Val/011

Report Date: 16th December 2019

2.1.12 Results of the measurement:

Sr. No.	Parameter	Measured Value
01	Average Metering Chamber Surface Temperature	40°C
02	Average Metering Chamber Air Temperature	40°C
03	Average Metering Chamber Air Velocity	0.05m/s
04	Average Climate Chamber Surface Temperature	15 °C
05	Average Climate Chamber Air Temperature	15 °C
06	Average Climate Chamber Air Velocity	0.09m/s
07	Mean Temperature across the specimen	27.5°C
08	Temperature difference across the specimen	25°C
09	Overall Thermal Transmittance (U – Value)	1.248W/m²k
10	Overall Thermal Resistance (R – Value)	0.801m²k/W

Remark, if Any:


3 Certificate of Accuracy:

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.



Jayamin Patel
Assistant Lab. Manager
Disclaimer:





Yashkumar Shukla
Technical Director

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50mm Thickness

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Test Report for Overall Thermal Transmittance (U – Value)



TC-7020

ULR-TC702019000000053F

Report No: CRDF/RPT/GHB/U-Val/007

Report Date: 01st February 2019

Report of test carried out by CEPT Research and Development Foundation for U - Value of Supplied Material

The test results of the specimen submitted for U - Value on date 23rd January 2019 are as under:

1. Customer Information

1.1. Name of the Organization : Paramount Intercontinental Pvt. Ltd.
1.2. Contact Person : Mr. Manjul Gupta
1.3. Address : M2, Industrial Area Sonapat,
Haryana - 131001

1.4. Phone Numbers : 011 47060000
1.5. Fax Number : 011 27311363
1.6. Email : sales@paramountinsulation.in

2. Sample Details

2.1. Sample Identification Number : U-Val/01/19/0007
2.2. Name and any other pertinent : Reflective Insulation
2.3. Identification of the material : Paramount Radiant Barrier Reflective Insulation
(Including physical description)
2.4. Instrument used : Guarded Hot Box
2.5. Instrument Calibration Verified on : 12th December 2018.
2.6. Estimated Uncertainty : ± 0.007 W/m²K
2.7. Standard Used : In accordance with ASTM C1363-11

3. Test Specimen size : 990mm Width X 990mm Height X 50mm Thickness

4. Tested By : Jayamin Patel

5. Description of Test Specimen : As per attached sheet

6. Test period:

	Date
Beginning	24 th January 2019 11:00 AM
End	29 th January 2019 05:00 PM


Jayamin Patel
Assistant Lab. Manager




Yashkumar Shukla
Technical Director

CEPT Research and Development Foundation, CEPT University, K. L. Campus, Navrangpura, Ahmedabad- 380 009.
Phone No: 079-26302470- Extn: 383, 26302740 Fax: +91 79 26302075 Email: ashajoshi@cept.ac.in

F/TR/01/GHB/U-Val, ISSUE No. 03

Page 1 of 4

50mm Thickness



CEPT Research and Development Foundation,
CEPT University

Test Report for Overall Thermal Transmittance (U – Value)



ULR-TC702019000000053F

Report No: CRDF/RPT/GHB/U-Val/007

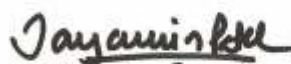
Report Date: 01st February 2019

13. Results of the measurement:

Sr. No.	Parameter	Measured Value
01	Average Metering Chamber Surface Temperature	40°C
02	Average Metering Chamber Air Temperature	40°C
03	Average Metering Chamber Air Velocity	0.08m/s
04	Average Climate Chamber Surface Temperature	15 °C
05	Average Climate Chamber Air Temperature	15 °C
06	Average Climate Chamber Air Velocity	0.12m/s
07	Mean Temperature across the specimen	27.5°C
08	Temperature difference across the specimen	25°C
09	Overall Thermal Transmittance (U – Value)	1.113W/m ² k
10	Overall Thermal Resistance (R – Value)	0.898m ² k/W

14. Certificate of Accuracy:

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.



Jayamin Patel
Assistant Lab. Manager





Yashkumar Shukla
Technical Director

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F/TR/01/GHB/U-Val, ISSUE No. 03

Solar Reflectance Index



CEPT Research and Development Foundation,
CEPT University

Test Report for Solar Reflectance Index (SRI)



ULR-TC702019000000050F

Report No: CRDF/RPT/SRI/410

Report Date: 29th January 2019

Report of test carried out by CEPT Research and Development Foundation for Solar Reflectance Index of Supplied Material

The test results of the specimen submitted for Solar Reflectance Index on date 23rd January 2019 are as under:

1. Customer Information

- 1.1. Name of the Organization : Paramount Intercontinental Pvt. Ltd.
1.2. Contact Person : Mr. Manjul Gupta
1.3. Address : M2, Industrial Area
Sonepat,
Haryana - 131001,
1.4. Phone Numbers : 011-47060000
1.5. Fax Number : 011-27311363
1.6. Email : sales@paramountinsulation.in

2. Sample Details

- 2.1. Sample Identification Number : SRI/01/19/1411
2.2. Date of Test : 28th January 2019
2.3. Name and any other pertinent
Identification of the material (including physical description): Paramount Intercontinental Pvt. Ltd. (Reflective Insulation)
2.4. Thickness of the specimen (Reported) : 50 mm
2.5. Thickness as tested : Not Applicable
2.6. Condition of Sample when received : Satisfactory
2.7. Method and Environment used for conditioning (if used) : Not Applicable
2.8. No. of Surfaces : Not Applicable
2.9. The type of surfaces : Not Applicable
2.10. Position of panes (if Multiple Glazed) : Not Applicable
2.11. The position of coating(s) designating faces of the panes as 1, 2, 3 starting from the outer surface of pane 1:
Not Applicable
2.12. The face of the panes (if Coated) : Not Applicable
2.13. Instrument used : Spectrophotometer with integrating sphere with reference material
SSM & Emissometer
2.14. Boundary Conditions (Test Method) : ASTM E 1980-11, ASTM C1371:2015 and EN 410:2011.


Jigar Patel
Lab. Supervisor




Yashkumar Shukla
Technical Director

CEPT Research and Development Foundation, CEPT University, K. L. Campus, Navrangpura, Ahmedabad- 380 009.
Phone: +91 79 26302470- Extn: 383, 26302740 Fax: +91 79 26302075 Email: ashajoshi@cept.ac.in

F/TR/01/SRI, ISSUE No. 6

Page 1 of 2

Solar Reflectance Index

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CEPT Research and Development Foundation,
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Test Report for Solar Reflectance Index (SRI)



TC-7020

ULR-TC702019000000050F

Report No: CRDF/RPT/SRI/410

Report Date: 29th January 2019

3. Results of the measurement:

Solar Direct Reflectance

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Paramount Intercontinental Pvt. Ltd.	SRI/01/19/1411	0.7797	0.7713	0.7676	0.7729

Emissivity

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Paramount Intercontinental Pvt. Ltd.	SRI/01/19/1411	0.07	0.07	0.07	0.07

Solar Reflectance Index (SRI) under different wind conditions

Sample name	Sample ID	Solar Reflectance Index (SRI)		
		Low Wind($h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$)	Medium Wind($h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$)	High Wind($h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$)
Paramount Intercontinental Pvt. Ltd.	SRI/01/19/1411	49	74	83

Surface Temperature (T_s) under different wind conditions

Sample name	Sample ID	Surface Temperature ($^{\circ}\text{C}$)		
		Low Wind($h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$)	Medium Wind($h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$)	High Wind($h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$)
Paramount Intercontinental Pvt. Ltd.	SRI/01/19/1411	76.8	54.6	44.2

4. Certificate of Accuracy:

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.


Jigar Patel
Lab. Supervisor




Yashkumar Shukla
Technical Director

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Other Products

Acoustic Insulation (Acco Isolate Insulation)

Acco Isolate Insulation (Acoustic Insulation) is an Open Cell Oxide Acetate Foam which is used for acoustical application. This is an exclusive product made using 100% in-house foam technology, and Paramount Intercontinental is its sole manufacturer in the world. It is world's best material for noise & vibration control upto 90%.



Thermal Insulation for HVAC

Chemically Crosslinked closed cell fire retardant foam used for duct insulation, chilled water and hot water applications, over deck/under deck insulation, floor insulation and wall insulation.

• Oxide Acetate



• XLPE



Water Proofing Foam Sheet



An ideal material for Roof Tops of homes and other spaces which are more prone to sunlight, snow and unfavorable atmospheric conditions that causes decay of building material, and thus leakage over a period of time. Coating of High Polymer content Oxide Acetate sheets are highly recommended at such places to prevent seepage.

Manoyog Yoga & Sleeping Mat

Incredibly durable insulated sleeping mat, perfect for deserts, mountains and snow. It offers anti-slip comfortable texture that keeps you warm and provide protection from cold, hot or wet ground and Manoyog Yoga Mats made from sustainable material that provide the perfect balance of strength, cushioning and support for all your workout needs.

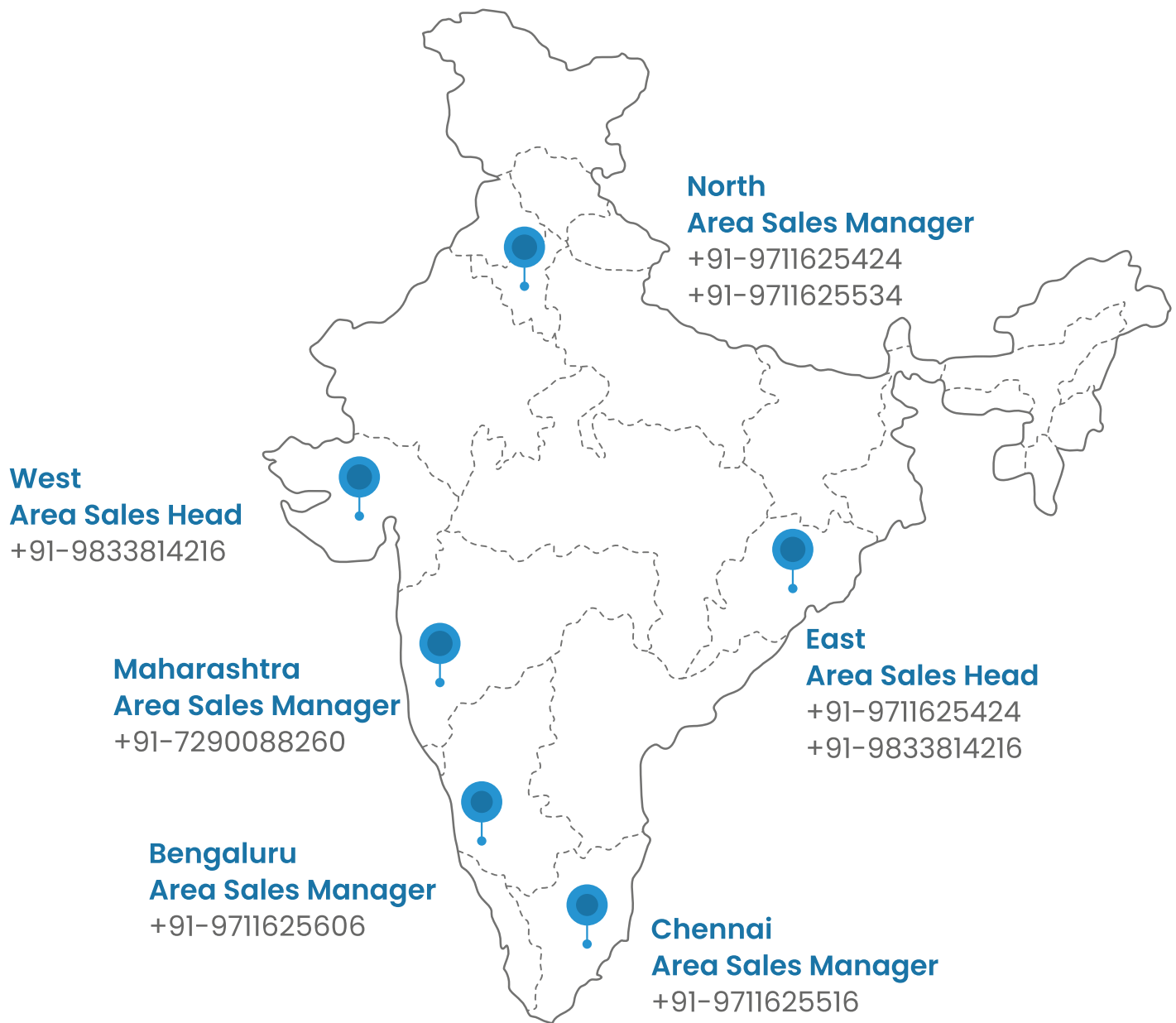


ADHINS Synthetic Rubber Based Adhesive

Adhesive specially developed to bond various insulation material.



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