Thermal & Acoustic Insulation Experts

PARAMOUNT®
Thermal & Acoustic Insulation

Ensuring Thermal and Acoustic comfort, Generating Energy Savings, preventing condensation, and providing Fire Safety of the building.

PARAMOUNT INTERCONTINENTAL PVT. LTD.

About us

Founded in the year 1997 as a part of the Paramount Group of Industries, Paramount Intercontinental is a leading Thermal and Acoustic Insulation and Adhesive manufacturer for the HVAC, Construction, Automotive, Sports, Waterproofing, Packaging, and Medical Industry. We manufacture a wide range of products to meet customer requirements and conform to the latest standards.
Developed through a continuous innovative process, our products provide performance, well-being and safety while addressing the challenges of sustainability in construction, resource efficiency and creating resilience against climate change.

Our products have been tested and approved by leading 3rd party National and International independent laboratories and government bodies for a variety of applications. Our products 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. Paramount has introduced a range of Synthetic Rubber Adhesives, Intumescent Fire Paint, Sealant and Foldable Play Mats in 2023.

Based out of the industrial belt of Sonipat in Haryana, Paramount houses an enviable array of advanced technology and high-end equipment for the manufacturing of innovative products.

Mission

Our company's vision is to revolutionize the Insulation manufacturing industry by producing innovative, eco-friendly insulation products that are not only sustainable but also cost-effective. By doing so, we aim to become the go-to supplier for businesses who are looking for high-quality, environment friendly Insulation products.

Vision

To preserve our position as india's most dependable manufacturer & supplier of high quality insulation products, & also as the true "insulation experts in india" by thinking green, building green & using green.

Quality Testing

Committed to make Paramount Intercontinental synonymous with outstanding quality, we give level best importance to the quality of our entire product range. Therefore, each and every product undergoes a highly stringent quality test before the final dispatch. In addition to this, our highly skilled and experienced team of installers always adheres to the optimum quality parameters during the installation process. This unparalleled qualitative approach lends a leading edge to the company to place itself as the most trusted domestic manufacturer and supplier of insulating products at par with global standards.


SWISSCERT
Certificate
PARAMOUNT INTERCONTINENTAL PVT. LTD.
Environmental Management System ISO 14001:2004
MANUFACTURING AND MARKETING OF CROSS LINKED POLYETHYLENE (XPE) PRODUCTS IN ROLLS, SHEETS, LAMINATED ADHESIVE BACKED, SPECIAL SHAPES, PIPES, TAPE AND MASTER BATCHES.


SWISSCERT
Certificate
PARAMOUNT INTERCONTINENTAL PVT. LTD.
Quality Management System ISO 9001:2008
MANUFACTURING AND MARKETING OF CROSS LINKED POLYETHYLENE (XPE) PRODUCTS IN ROLLS, SHEETS, LAMINATED ADHESIVE BACKED, SPECIAL SHAPES, PIPES, TAPE AND MASTER BATCHES.

An ISO 9001:2008 certified enterprise, Paramount Intercontinental sources its raw material from established partners across the globe thereby allowing it to manufacture industry specific range of green products.

Manufacturing

Paramount Intercontinental has extensive foam manufacturing capabilities that allows us to offer a range of chemically crosslinked closed-cell XPE foam sheets and pipes section in any size an application might require and Open-Cell Oxide Acetate foam for Acoustic Applications. Our sprawling production unit is equipped with advanced technology Crosslinked PE Foam manufacturing lines.

Compounding & Mixing

The manufacturing process starts with the compounding, the PE Resin is mixed in Kneaders with the crosslinking agent, the eco-friendly blowing agent and additives (colours) process. The compounded material is then mixed with soft plastic granules in the Silos.

Extrusion

This is then fed to the Mother Sheet Extrusion line for the extrusion process and achieving desired thickness as per various industry standards. It is in the extruders that the sheets are mixed with foaming agents to achieve 3mm-100mm sheets in continuous roll form.

Cross-Linking

The foam sheets are then passed through pre-heated oven chambers for cross-linking. Paramount has in-house capability to offer XPE foam sheets in both open cell and closed cell techniques.

Slitting & Bonding

Considering the varied demands of the industry, XPE Foam is offered in varying thickness and laminations. An in-house setup of advanced slitting machines enables the company to offer precise longitudinal cuts. Slitting is followed by the lamination process, if required, where the company has the capability to offer XPE Foam sheets in - Metallised polyester foil lamination, Aluminum foil lamination, and UV barrier film lamination.

Foam

IS WHAT WE DO

- Automotive
- Construction
- Electronics
- Industrial
- Medical & Dental
- Military & Defense
- Retail & Consumer
- Sport & Leisure

Our Products

Paramount is the leading and most innovative Thermal & Acoustic Insulation foam manufacturer in India and our performance is unsurpassed. Following are the various foams and other products manufactured by us:

- XLPE Insulation
- Oxide Acetate Foam
- Acoustic Insulation
- Prothin Foam
- Reflective Insulation
- Refrigerant Piping Insulation
- Synthetic Rubber Adhesive
- Intumescent Fire Paint
- UV Coat
- Duct Sealant
- Asphalt Roofing Sheets
- Foldable Mats

Paramount
Fire Retardant XPE Foam

For Duct, Chilled Water, Hot Water Piping, Over Deck and Under Deck, Floor and Wall Insualtion

Paramount's XPE is a Chemically crosslinked closed cell fire retardant polyethylene insulation foam that offers thermal insulation, moisture resistance, and sound absorbing properties. It has a smooth surface, great shock absorption and chemical resistivity. It is ideal for both cold and warm conditions ranging between -40° C to +115° C. The principal functionality of the product is to block heat transfer.

It is also available with factory-laminated pure aluminium foil, metalized foil, UV laminated foil, fibre glass cloth to give higher mechanical strength to the product.

TECHINCAL SPECIFICATIONS

S.No.	Properties	Standard	Technical Details
1.	Density kg/cum	IS : 11239 (Part – 2)	30 ± 3 Kg/ m³
2.	Cell Structure		Closed cell
3.	Colour		Grey
4.	Services Temperature Range	Using Climate Chamber	- 40° to 115° C
5.	Ozone / UV & Weather / Chemical Resistance		Good / Excellent
6.	Thermal Conductivity at 23° C at 40° C	IS 3346/1980	 0.0314 W/m °k 0.034 W/m °k
7.	Fire Retardant Test a) Flammability Class-S4 b) Smoke density Class SR2 c) Dropping Class ST2	DIN-5510 (pt-2), 54837	Self-extinguishing Passed Non-Dripping
8.	Flammability Test	ASTM D 635-14	Self-extinguishing
9.	Heavy metals for ROHS (Pollution)	IEC – 62321	Compliance
10.	HCFC / CFC	US EPA 5021A (2014)	Free / Not Detected
11.	Water Absorption	JIS K 6767 - 1999	0.0007gm/cm²
12.	Water Vapour Transmission Rate	ASTM E-96 2016	0.05 gm/m²/Day
13.	Overall Migration Test	IS 9845-1998	Negligible effect of acids and alkalis
14.	Fire Rating (Surface Spread of Flame- plain material)	BS 476 Part 7	Class-1
15.	Fire Rating (Fire Propagation Index) – laminated with pure aluminium foil on one side	BS 476 Part 6	Class-0
16.	Oxygen Index	ASTM D 2863	27.7 %
17.	Insulation Without Aluminium foil Water Vapour Permeability Water vapour resistance factor (μ)	DIN EN SIO : 12572	Negligible (12805 - Plain-without Foil)
18.	Insulation With Aluminium foil on one side Water Vapour Permeability Water vapour resistance factor (μ)	DIN EN SIO : 12572	Negligible (17300 With Alu. Foil)
19.	Fungal Resistance Test	ASTM G-21	Zero Rating (No growth observed)
20.	Bacteria Resistance Test	ASTM G 22	No Bacteria growth observed
21.	Mold Growth	IS 3144: 1992	No Mold growth observed
22.	Tensile Strength kg/cm2 (a) Machine direction (b) Cross direction Elongation% (a) Machine direction (b) Cross direction	JIS K 6767-1976	 2.4 2.2 113 100
23.	Noise Reduction Coefficient (NRC) - 20mm Thickness	ISO: 354-2003 ASTM C423-09a	0.27

Paramount
Oxide Acetate Foam

For Hot and Cold Chilled Water Piping, HVAC Ducting, Glass Spandrel and Under Deck RCC & Metallic Roofing

Oxide Acetate is a crosslinked closed-cell foam used for thermal insulation in HVAC Ducting, chilled water piping, under deck in RCC & metallic roofing, etc. It is a unique material made using Paramount's in-house foam technology. The principal functionality of the product is to block heat transfer. It offers the flexibility of Nitrile Rubber and the mechanical strength of XPE foam and combines the advantages of both. It is UV-resistant and has class 0 fire properties as per BS 476 part 6 and passes the smoke and toxicity behaviour test as per IMO MSC 307(88) Annex 1: Part 2.

It is also available with factory-laminated pure aluminium foil to give higher mechanical strength to the product. Ideal for both cold and warm conditions ranging between -40° C to +100° C, it also provides moisture resistance, shock absorption, sound-absorbing properties, chemical resistivity and has a smooth surface.

A perfect blend that has the mechanical strength of XLPE and the softness of Nitrile Rubber

TECHINCAL SPECIFICATIONS

S No.	Properties	Standard	Technical Details
1.	Material		Oxide Acetate Foam
2.	Cell Structure		Closed cell, Crossed Linked, Stress Crack Resistant
3.	Physical Appearance		Soft, Flexible & Glossy
4.	Density		30 ± 3 kg/m3
5.	Fire Test a) Surface Spread of Flame b) Fire Propagation Index	 BS 476 Part 7 BS 476 Part 6	 Class 1 Class O
6.	Color		Black
7.	Service Temperature Range	Using Climate Chamber	- 40° C to 100° C
8.	Ultra Violet Rays Impact		Negative, Bare Foam is UV Resistant
9.	Thermal Conductivity	IS 3346/1980	0.032 W/MK at 23° C
10.	Smoke & Toxicity Index	IMO MSC 307(88) 2010- AN 1, PT 2	Passed
11.	Fungal Resistant	ASTM G-21	Negative (No growth observed)
12.	Bacteria Resistance	ASTM G-22	Negative (No growth observed)
13.	Mold Growth	IS 3144:1992	Negative (No growth observed)
14.	Water absorption	JIS K6767 - 1999	0.0008 g/cm²
15.	CFC/HCFC	US EPA 5021 A (2014)	Free
16.	RoHS Restriction of (the use of certain) Hazardous Substances	Lead, Cadmium, Mercury, Hexavalent Chromium, PBB, PBDE, DEHP, BBP, DBP and DIBP	Passed
17.	Water Vapor Transmission (At 23°C & 50% R.H. for 30 days)	ASTM E96-2022	$1.52*10^{-4}$

Paramount
Aco Isolate Acoustic Insulation

For HVAC Ducting, D.G. Rooms, Theatres, Building Walls and Partitions, Carpet, and Wooden Floor Underlay

Acco-Isolate Acoustic Insulation is an Open-Cell Oxide Acetate Foam that has sound absorption and sound-insulating properties. It is a unique material made using Paramount's in-house foam technology and especially designed to meet the most demanding requirements of noise reduction, vibration, and shock absorption. It has fire properties as per Class 1 BS 476 part 7 and Class O BS 476 part 6 and passes the smoke and toxicity behaviour test as per IMO MSC 307(88)

TECHINCAL SPECIFICATIONS

S No.	Properties	Standard	Technical Details	
1.	Material		Oxide Acetate Foam	
2.	Cell Structure		Exposed Surface Open Cell Pasting Surface Closed Cell Crossed Linked, Stress Crack Resistant	
3.	Physical Appearance		Exposed side open cell, Soft, Flexible Pasting Surface Smooth & Glossy	
4.	Density	JIS K6767	30 to 40 kg/m³	
5.	Noise Reduction Coefficient 10mm 15mm 25mm 35mm	IS:8225-1987 (Equivalent to ISO: 354-1985 and ASTM 423-90)	 NRC : 0.50 NRC : 0.65 NRC : 0.84 NRC : 0.86	
6.	Sound Transmission Loss, dB 10mm 15mm	IS:8225-1987 (Equivalent to ISO: 354-1985 and ASTM 423-90)	Freq 5000 5000	dB 47.1 38.1
7.	Color		Black	
8.	Service Temperature Range	Using Climate Chamber	- 70° C to 100° C	
9.	Ultra Violet Rays Impact		Negative, Bare Foam is UV Resistant	
10.	Thermal Conductivity	IS 3346/1980	0.0328 W/MK at 23° C	
11.	Smoke & Toxicity Index	IMO MSC 307(88) 2010- AN 1, PT 2	Passed	
12.	Fire Test a) Spread of Flame b) Fire Propagation Index	 BS 476 PART 7 BS 476 PART 6	 Class 1 Class O	
13.	Fungal Resistant	ASTM G-21	Negative (No growth observed)	
14.	Bacteria Resistance	ASTM G-22	Negative (No growth observed)	
15.	Mold Growth	IS 3144:1992	Negative (No growth observed)	
16.	CFC/HCFC	US EPA 5021 A (2014)	Free	

Paramount Radiant Barrier Hybrid Reflective Insulation

Under deck, Over deck for new & old PEB structures.
51 dB Sound transmission loss at 5000 Hz frequency

Paramount Radiant Barrier Hybrid Reflective Insulation is composed of three layers of Polyethylene Foam, one diamond-cut layer (to create air pockets) sand-witched 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 the First in World to manufacture this type of innovative Radiant Barrier Hybrid Reflective Insulation which is a vapor barrier (solid, non-breathable), heat reflective, hybrid in nature product that uniquely combines "Air Entrapment + XLPE Technology" which provides a thermal break to minimize conductive heat from moving through the material.

TECHINCAL SPECIFICATIONS

S No.	Properties	Technical Details
1.	Fire Propagation Index	Class-O as per BS476 Part-6 (CBRI Approved)
2.	Fire Spread Flame	Class-1 as per BS476 Part-7 (CBRI Approved)
	Solar Direct Reflectance	0.7729
3.	Solar Reflectance Index (SRI)	83 High Wind (hc = 30W / m² k)
4.	Emissivity	0.07
5.	Surface Temperature	76.8 – 44.2 Low Wind to High Wind (hc = 30W / m² k)
6.	Average Density	20 to 25 kg/m3
7.	Working temperature	–40°C +115°C
8.	Water Vapour resistance (μ)	12805
9.	Oxygen Index	27.7% (ASTM D 2863)
10.	Thermal Transmittance (U-Value)	50mm – 1.113 W / m² k 30mm – 1.248 W / m² k 20mm – 1.274 W / m² k
11.	Thermal Resistance (R-Value)	50mm – 0.898 m² k/W 30mm – 0.801 m² k/W 20mm – 0.785 m² k/W
12.	Thermal Conductivity (K- Value) at 40°C	0.0408 W/mk

Sound Absorption - Sound transmission loss is 51.7 dB at 5000 Hz Frequency as per ISO 1014 - 2 / ASTM E-90

Safe - Class O and Class 1 fire rated as per BS476 Part -6 and Part - 7 (highest and safest fire rating for building products in India)

Durable - Puncture and tear resistant, coated to prevent oxidation and UV degradation.

Energy Efficient – Reduces heat gain and loss, not affected by moisture or humidity and reduces condensation.

Paramount Prothin Foam

Especially formulated for Floor Underlay,
OEM and Automotive Industry

Prothin Foam is a proprietary foam formulated by Paramount's in-house technology it has a closed cell structure which makes it impermeable to water and moisture intrusion, fungi, bacteria, and to air. It also has high thermal resistance, is lightweight, flexible and compressible, with high recovery after long-term compression.

It has a smooth surface and is used for impact absorption and protection in automotive, industrial applications, packaging, load deflection, thermal barriers, craft and other specialty uses. Products include liners in the automotive industry, padded and protective clothing, door and hatch seals, etc.

Prothin is available in Rolls and Sheets from 1mm to 5mm

TECHINCAL SPECIFICATIONS

S No.	Properties	Unit	Technical Detail
1.	Cell Structure		Closed Cell
2.	Color		Grey/White/Black
3.	Surface Finish		Smooth
4.	Density	Kg/m3	35± 3
5.	Compressive Strength	N/cm^2	6.5
6.	Tensile Strength	N/cm^2	26.70
7.	Elongation	%	113
8.	Tear Strength	N/cm	9.91
9.	Flammability (as per FMVSS302)	mm/min	86
10.	Water Absorption (as per JIS K 6767:1999)	g/cm^2	0.0008
11.	Water VapourTransmission Rate (as per ASTM E96-2022)	gm/cm^2	$1.52*10^{-4}$
12.	ROHs		Compliant
13.	Environmental		CFC and HCFC free
13.	Thermal Conductivity (as per IS 3346)	W/mK	0.0.328
14.	Operating Temperature	°C	-40 to 100

Easy to Die Cut

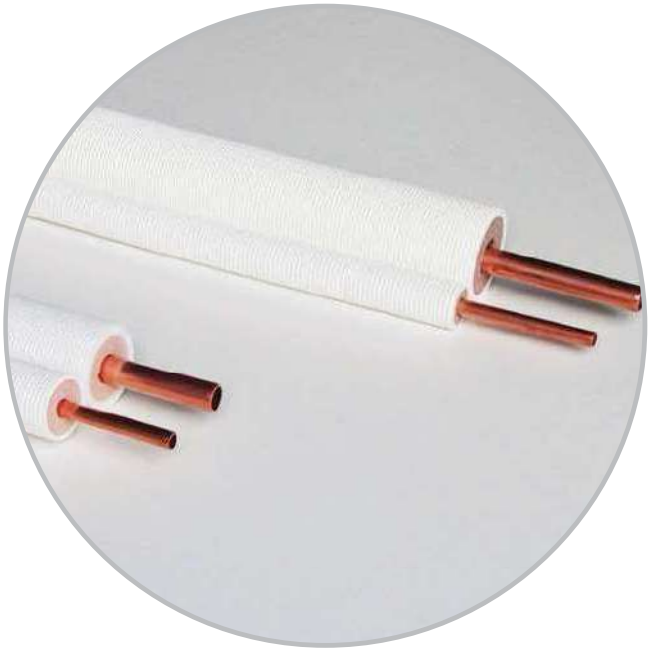
Easy to Thermoform

Resistant Vapor Barrier

Sound Absorption

Environment Friendly

Paramount XPE Insulation Pipe Foam Kit For Copper Tubing



Chemically Crosslinked Closed Cell FR Grade Pipe Insulation for AC Copper Tube suitable for any type of Residential or Commercial Air Conditioners.

- Chemically Crosslinked Closed Cell Polyethylene Pipe Insulation with factory laminated UV protection layer.
- Available in different colours as per requirement
- *Insulation thickness available from 3mm to 50mm*

PIPE INSULATION (I.D)

Dia in Inch	Dia in mm
1/4"	6 mm
3/8"	10 mm
1/2"	13 mm
5/8"	16 mm
3/4"	19 mm
7/8"	22 mm
1"	25 mm
1 1/8"	28 mm
1 1/4"	34 mm
1 3/8"	35 mm
1 5/8"	42 mm
1 7/8"	48 mm
2 1/8"	54 mm
2 3/8"	60 mm
2 5/8"	67 mm
3"	76 mm
3 1/8"	80 mm
3 1/2"	89 mm
4"	102 mm
4 1/2"	114 mm

TECHINCAL SPECIFICATIONS

S No.	Properties	Technical Details
1.	Fire retardant	Class-1 as per BS476 Part-7 (CBRI Approved)
2.	Thermal Conductivity	23°C -- 0.0314 W/m°k 40°C -- 0.034 W/m°k
5.	Average Density	30 ± 3 Kg/m3
6.	Working temperature	−40°C +115°C
7.	Water Vapour resistance (μ)	12805
8.	Heavy Metals for RoHS Pollution	Passed (Directive 2002/95/EC)
9.	Oxygen Index	27.7% (ASTM D 2863)
10.	CFC / HCFC Content	Zero

Paramount ADHINS™ Intumescent Fire Resistant Paint

ADHINS™

Optimized for up to 120 minutes of Fire Resistance to Structural Steelwork and other substrates

About

ADHINS™ - Intumescent Fire Resistant Paint is our revolutionary water-based paint for fire and heat protection that can be applied to most building materials. It provides up to 2 hours of fire rating with a minimum number of coats on structural steel including galvanized steel, mild steel, stainless steel, ductwork & and electrical cables, drywall, internal metal, sheet metal, concrete surfaces, sheetrock, composite panels, and interior wood. It is approved for interior as well as general-purpose applications and is excellent for fire-rated duct works like Ventilation Fire Ductwork, Smoke Exhaust Ductwork, Car Park Ventilation Ductwork, Kitchen Exhaust Ductwork, and Pressurization Ductwork.

Tested, Approved, and technology transferred from CSIR-Central Building Research Institute, Roorkee.

Features of Adhins Intumescent Fire Resistant Paint

- High-temperature protection
- Passes BS 476 Part 20 & 22, BS 476 part 6: Class O Fire Propagation Test and BS 476 part 7: Class 1 Surface Spread of Flame Test
- Non-hydrophobic, UV Resistant & Fungal Resistant
- Excellent durability and protection
- Rapid drying times for fast handling
- Excellent Impact Resistance quality
- Solvent-free, Non-Marine Pollutant
- Improves product life cycle

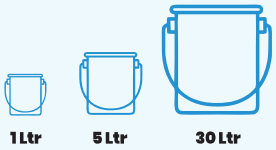
TECHINCAL DETAILS

S.No.	Properties	Standard	Technical Details
1.	Colour		White
2.	Density at 25° C, g /ml	IS: 101 (P1 /Sec 7)2020	1.404
3.	Dry film thickness after 2 coats, micron	IS: 101 (P3 /Sec 2) 1989	251
4.	Film thickness (wet) after 2 coats, micron	IS: 101 (P3 /Sec 2) 1989	607
5.	Flash point (closed cup) °C	IS: 101 (P1 /Sec 6)1987	30
6.	Drying Time at 27°C, hours a) Surface Dry b) Hard Dry	IS: 101 (P3 /Sec 1) 1986	 0.50 8.0
7.	Non volatile content, % by mass	IS: 101 (P8 /Sec 2)1990	48.03
8.	Specific gravity at 25/25 ° C	IS: 101 (P1 /Sec 7)2020	1.407
9.	Dry to (recoating for 24 hours)	Annex E of IS 164-2015	Passed

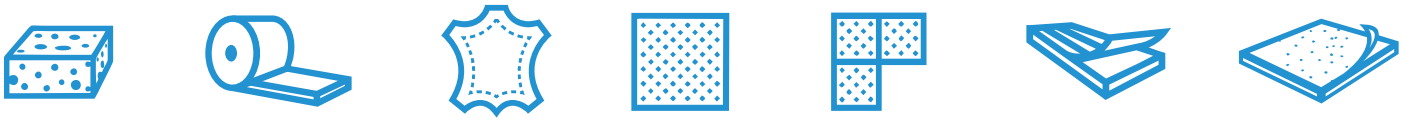
Paramount ADHINS™ Synthetic Rubber Adhesive

ADHINS Adhesive Core Range consists of high-performance products formulated with Synthetic Rubber to suit numerous applications. These adhesives are suitable for all your bonding needs and have been specifically formulated for bonding Insulation, Wood, Metals, Plastics, Foam and Fabrics, Furniture, Carpet, Rubber (including Nitrile, PVC, EPDM), and General Product Assembly. The range includes single-component contact adhesive as well as sprayable adhesive.

ADHINS™

Our Adhesive Range	*Pack size available*
ADHINS – Super **ADHINS – Grip** **ADHINS – Spray**	 1 Ltr 5 Ltr 30 Ltr

Compatible Substrates



Foam | XPE Insulation (above 15mm) | Synthetic Leather | Carpet | Carpet Tiles | Veneer | Vinyl

Cork | Laminate | Rubber | Footwear Industry

ADHINS – Super

ADHINS™ – Super Adhesive has been specially formulated for XLPE Insulation and HVAC industry. It exhibits excellent adhesion and forms a bond that is durable and reliable, reducing maintenance demands. With good adhesion to various substrates, ADHINS™ – Super Adhesive offers outstanding adhesion on dissimilar substrates. It cures at room temperature and a reliable and long-lasting bond is created with resistance to temperatures up to 60°C. The adhesive has a low VOC, and sets fast. It does not contain benzene or any other hazardous materials. This adhesive can be applied with a brush or a roller.

Product Features & Benefits:

- Coverage 3.8 m²/litre at 50 micron DFT
- Fast curing from 10° to 60°C
- Superior Performance – 15 minutes fixture time at room temperature
- Adhesion Strength (Tensile Strength) – 11.69 kg/cm
- Peel Resistance of Adhesive (Peel Strength) as per (ASTM D 1876:2008) 1.91 kg/cm (10.70 lb/inch)
- 20 °C to 30 °C – Service Temperature
- Density (ASTM D 1875:2003) 882 g/litre
- Viscosity (by B4 ford cup) (ASTM D 1200:2010) – 1013.4 sec
- Low VOC
- Excellent tack
- Rapid bond strength

ADHINS – Grip

ADHINS™ – Grip is a synthetic rubber-based adhesive solvent containing contact adhesive specially designed for Insulation & Automotive Industry. It exhibits good adhesion and bonding strength. The adhesive has a low VOC, sets fast, and has a low viscosity. It does not contain benzene or hazardous materials. It exhibits excellent spreadability and fast-drying properties. This adhesive can be applied with a brush or a roller. ADHINS – Grip Adhesive offers good adhesion on dissimilar substrates. It cures at room temperature and a reliable and long-lasting bond is created with resistance to temperatures up to 50°C.

Product Features & Benefits:

- Coverage 7.7 m^2/litre at 25 micron DFT
- Fast curing from 10° to 50°C
- Superior Performance – 15 minutes fixture time at room temperature
- Adhesion Strength (Tensile Strength) as per Appendix A of IS 2560:1979 - 6.75 kg/cm
- Peel Resistance of Adhesive as per ASTM D 1876:2008 - 1.32 kg/cm (7.39 lb/inch)
- 20 °C to 30 °C - Service Temperature
- Density as per ASTM D 1875:2003 - 905 g/litre
- Viscosity (by B4 ford cup) (ASTM D 1200:2010) - 402.6 sec
- Low VOC
- Excellent tack
- Rapid bond strength

ADHINS – Spray

It is a quick curing single component sprayable adhesive that is suitable for shorter installation times and faster project completion. It has superior strength and an innovative formula that breaks down barriers presented by traditional bonding methods with effortless ease. ADHINS – Spray eliminates the need to use traditional methods of bonding, that are messy, wasteful, and time-consuming. Because ADHINS – Spray is a sprayable adhesive where one is completely in control of how much adhesive is used, resulting in an even spray pattern the way one wants without the fuss and inconsistency that comes with using hand applied adhesive. The systems high yield capacity limits downtime allowing the user to cover large areas in a short amount of time. Our revolutionary adhesive formula has been proven to almost completely remove the time spent waiting for adhesive to tack; where tradionally one would be waiting for a long time, ADHINS – Spray can tack off in as little as three to four minutes!

Not only will ADHINS – Spray speed up your workflow and drastically reduce production time, it is guaranteed to transform the way materials are bonded together with noticeably superior results!

Product Features & Benefits:

- Coverage 3.8 m^2/litre at 100 micron DFT
- Fast curing from 10° to 50°C
- Superior Performance – 2-5 minutes fixture time at room temperature
- Adhesion Strength (Tensile Strength) as per Appendix A of IS 2560:1979 – 6.78 kg/cm
- Peel Resistance of Adhesive as per ASTM D 1876:2008 – 1.28 kg/cm (7.39 lb/inch)
- 20 °C to 30 °C – Service Temperature
- Density as per ASTM D 1875:2003 – 837 g/litre
- Viscosity (by B4 ford cup) (ASTM D 1200:2010) – 64.2 sec
- Low VOC
- Excellent tack
- Rapid bond strength
- Excellent for uneven surfaces
- Rapid application and Quick curing formulation

Paramount ADHINS™ UV Coat

Duct & Pipe Insulation Vapor Barrier Protective Coating

ADHINS™

About

ADHINS™ – UV Coat is a high-quality aqua synthetic resin-based insulation coating that can be applied on the interior or exterior of insulated piping, air conditioning ducts, new or existing roofs, plastered walls, pipelines, storage tanks, under-deck, and over-deck of old and new PEB structures.

It provides protection against ultraviolet radiation, weather, water, and ozone damage and stops the penetration of heat/cold through the coated surface, which helps in reducing the interior temperature of the buildings by reflecting radiant heat energy and minimizing the surface temperature. After drying it forms a membrane that is tough, flexible, durable, water-resistant, and weather resistant. It is also suitable for areas where a clean, white aesthetic look is desired.

TECHINCAL SPECIFICATIONS

S No.	Properties	Technical Details	
1.	Appearance	White (can be tinted in any color)	
2.	Viscosity at 30°c	30000 – 50000 CPS	
3.	Density	1.5 ±0.1	
4.	Solid by weight	65 ±5%	
5.	Water resistance	Excellent	
6.	Service Temperature Range	-20 to +110°c	
7.	Clean-up with	Water	
8.	Flash Point	Non-flammable no flash to boiling	
9.	Dry Time/ Tack free	4 Hours	
10.	Theoretical Coverage	1.5-1.8 m²/Kg	
11.	Class 1 - Spread of Flame	Passes BS 476 Part 7	
12.	Class O - Fire Propagation	Passes BS 476 Part 6	
13.	VOC Content	'0' as per ASTM D3960	
14.	Flammability	Non-flammable	
10.	UV resistant - ASTM E 424	UV Name	Blocking %
		UV A-Long wave (Black Light) UV B-Medium wave UV C-Short Wave (Germicidal)	100% 100% 100%
11.	Water Permeance (perms)	Tested as per ASTM-E 96	
12.	Surface burning Characteristic	Tested as per ASTM-E 84	
13.	Defacement By Fungal Growth	Tested as per ASTM D 5590	
14.	Water absorption	ASTM D 2842	
15.	Resistance to wind-driven rain	ASTM D 6904	

UV Protection | Non-Hydrophobic | Low VOC | Vapor Barrier

Paramount ADHINS™ Air-Seal Acrylic Duct Sealant

About

ADHINS™ – Air-Seal Acrylic Sealant is an easy-to-use, highly flexible, one-part, water-based duct sealant. It has been formulated to seal and fill gaps of low-movement metal assembly joints in low, medium, and high-pressure HVAC ductwork installations to prevent air leaks. It is suitable for interior and exterior applications and combines high joint movement characteristics with excellent weather resistance. Due to its Low VOC content and food-grade nature, it is safe to be used in confined spaces.

It can also be used for caulking, grouting, jointing, and embedding in building construction and is compatible with most materials e.g. concrete, wood, brick, natural and artificial stone, metal, and sanitary ware. ADHINS™ – Air-Seal Acrylic Duct Sealant is flexible and resists cracking, giving a smooth finish that is suitable for interior and exterior use.

Product Features & Benefits:

- One Part Ready to Use Water Based Sealant
- Food Grade
- UV Resistant
- Paintable, Durable and Crack Resistant
- Excellent Mold and Mildew Resistancewhen cured
- Excellent Elasticity
- Low Shrinkage & Non-slumping
- Meets ASTM D3960&Conforms LEED 2009 EQ c4.1

TECHINCAL SPECIFICATIONS

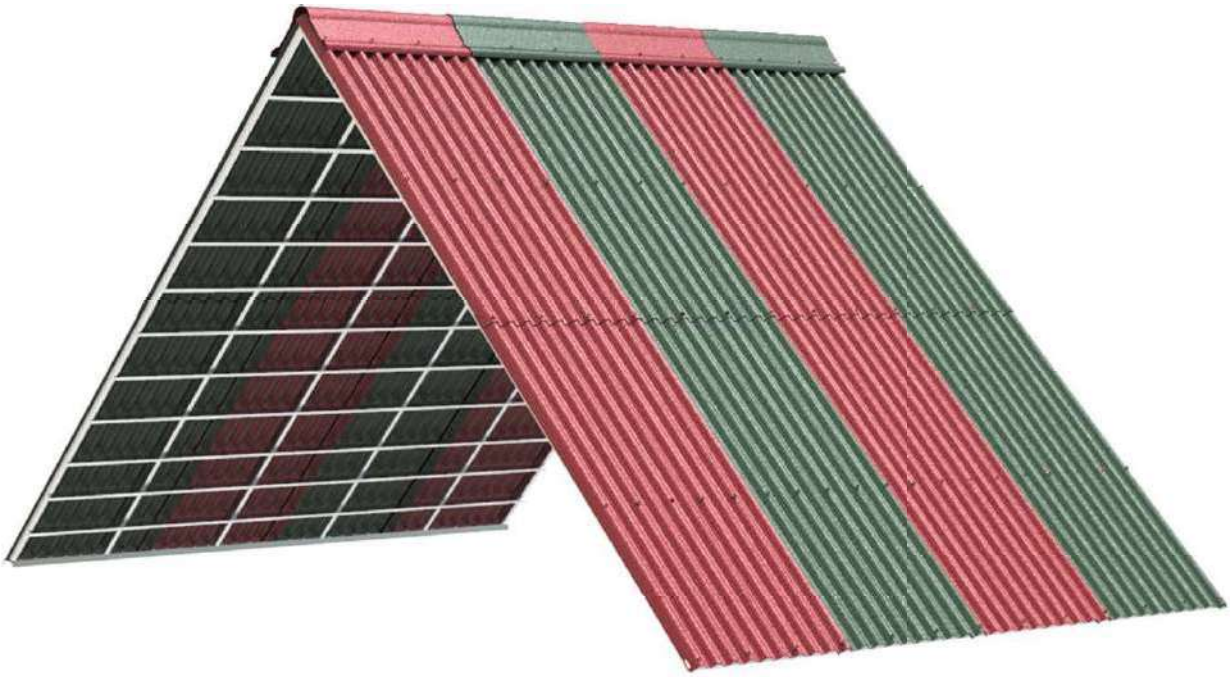
S No.	Properties	Technical Details
1.	Composition.	Water-Based Acrylic
2.	Curing method	Water evaporation
3.	Shore A Hardness	45
4.	Tensile Strength	1.3± 3%n/mm²
5.	MovementAccommodation	±10%.
6.	Application Temperature	-10 to +90°c
7.	Surface dry.	.5 to 1 Hours
8.	Hard dry	24 Hours
9.	Food Grade	as per ANSI/NSF-51
10.	VOC by mass	0.018% as per ASTM D3960
11.	Heat resistant & Impact resistance	as per ANSI/NSF-51 Clause 7.5.2
12.	Superior Adhesion Strenght	as per ANSI/NSF-51 Clause 7.5.3

Skylanes
Corrugated Asphalt Roofing Sheets

Asphalt Roofing sheets are commonly used in more than 140 countries all over the world. It is an eco-friendly product and does not contain any materials hazardous to health. It is made using Bitumen saturated organic fibres under extreme heat and pressure. It is liteweight, simple to handle and can withstand all types of weather conditions.

Our sheets have proven to survive extreme temperatures, heavy rainfall, cyclones, storms, etc. During heavy winds, it guarantees protection due to its liteweight properties by not falling and harming people or damaging property.

As opposed to other roofing sheets, Asphalt Roofing sheets drastically minimise rain noise. It is an effective roofing solution with inherent capacity to reduce high temperatures. Further itt is an inexpensive option in comparison to other Roofing sheets considering all the features it possesses.



Advantages

- Suitable for all weather
- No health hazards
- Lite weight & stronger
- Low structural cost
- Rust free
- Heat resistance
- Sound resistance
- High Wind Resistance

Colours available

- Terracotta Red
- Military Green
- Matte Brown

Specifications

SKYLANES BASIC
(CLASSIC PROFILE)
(6x3)

Material	Length	Width	Thickness	Width of corrugation	Height of corrugation	No. of corrugations per sheet
Organic fibre Bitumen	1830 mm	900 mm	2 mm	91 mm	32 mm	10

SKYLANES ULTRA
(CLASSIC PROFILE)
(6½ x3)

Material	Length	Width	Thickness	Width of corrugation	Height of corrugation	No. of corrugations per sheet
Organic fibre Bitumen	2000 mm	900 mm	3 mm	91 mm	32 mm	10

SKYLANES BIG 6
(6½ x2½)

Material	Length	Width	Thickness	Width of corrugation	Height of corrugation	No. of corrugations per sheet
Organic fibre Bitumen	2000 mm	780 mm	2 mm	96 mm	55 mm	6

SKYLANES
PLAIN BOARD
(6x3)

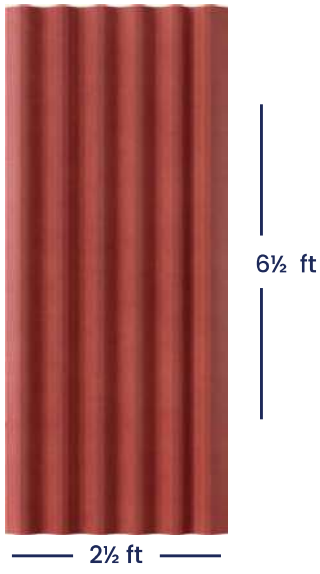
Material	Length	Width	Thickness
Organic fibre Bitumen	1830 mm	900 mm	2 mm

Product Variants

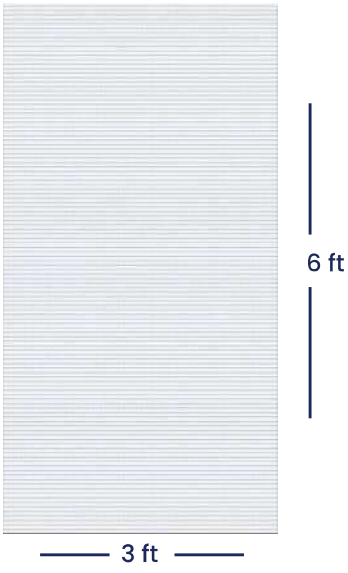
SKYLANES BASIC
(CLASSIC PROFILE)
(6x3)

SKYLANES ULTRA
(CLASSIC PROFILE)
(6½ x3)

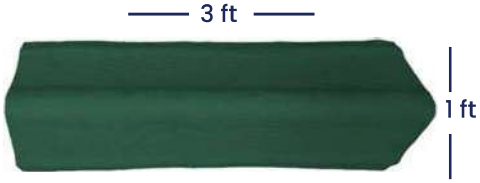
SKYLANES BIG 6
(6½ x 2½)



SKYLANES
PLAIN BOARD
(6 x3)



Accessories



SKYLANES RIDGE
(3x1)

SKYLANES
SCREW
(SIZE : 12 x 55 mm)

Paramount Manyog Foldable Baby Playmat

Meet the perfect play mat for your baby's playtime! Manoyog Foldable Baby Play Mat is the perfect playtime companion for your little ones!

When babies are little, they can hurt their hands and knees when they are crawling around or learning to walk. To make parents feel at ease for their child's safety we developed the soft and supportive Manoyog Foldable Baby Play Mat that provides a large play area where they can roll around, enjoy playing with toys, or even catch a quick nap with more comfort and protection.

We are the first manufacturers in India to develop this lightweight and super-durable mat that provides extra protection for your little ones' hands, wrists, knees, and joints from falls or trips while playing or learning to walk.

As babies and toddlers tend to chew on everything within reach, Manoyog mats are toxin-free, BPA and phthalate-free and safe for your baby.

Manoyog Foldable Playmats are available in various designs.

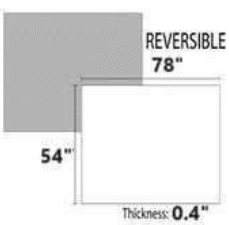
- Non-Toxic BPA-Free
- Thickness 0.4 Inch
- Enhanced Safety
- Comes with a storage bag

- Waterproof and easy to Clean
- Super Soft & Comfortable
- Cognitive & Anti-Slip
- Insulating Properties

PRODUCT DIMENSION

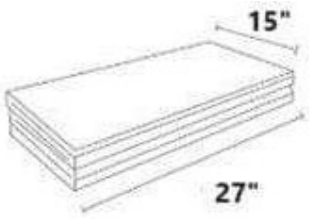
OPEN SIZE

Length 78"
Width 54"
Thickness 0.4"



FOLDED

Length 27"
Width 15"



Major Projects

Prominent Projects

- Rashtrapati Bhavan
- Ordnance Factory, Medak
- Punjab and Haryana High Court, Chandigarh
- Lucknow bench of Allahabad High Court
- Integral Coach Factory (ICF), Chennai
- Rail Coach Factory (RCF),Kapurthala,
- Modern Coach Factory (MCF), Rae Bareli
- Atal Tunnel, Rohtang
- Indian Air Force Museum, Delhi
- Statue Of Unity
- DRDO
- ISRO
- Kuwait Embassy, New Delhi
- British High Commission, New Delhi
- High Commission of Canada, New Delhi
- Australian High Commission, New Delhi
- Singapore High Commission, New Delhi
- Greater Noida Industrial Development Authority

Hotels

- Andaz Delhi – a Concept by Hyatt
- Novotel New Delhi & Goa
- Four Seasons Hotel Mumbai
- Nidra Hotel Vadodara
- Marriott Goa Resort Spa
- Four Points by Sheraton Amritsar
- The Crown, Bhubaneswar - IHCL

Hospitals

- AIIMS – Delhi, Patna, Raipur, Rishikesh, Bhubaneswar, Jhajjar
- Safdarjung Hospital, Delhi
- Indira Gandhi Institute of Medical Sciences, Patna
- Guru Gobind Singh Government Hospital, Delhi
- Kalpana Chawla Government Medica Hospital, Karnal
- Max Super Speciality Hospital
- Sharda Hospital, Greater Noida
- Fakir Mohan Medical College & Hospital, Balasore Odisha
- Bhima Bhoi Medical College & Hospital, Balangir Odisha
- Pandit Raghunath Murmu Medical College & Hospital, Baripada, Odisha

Entertainment & Multiplexes

- Zee Entertainment Enterprises
- PVR INOX
- Pacific Mall Jasola, Delhi, Dehradun & NIT Faridabad
- Urban Square Mall, Udaipur
- Cineplex
- Glitz Cinemas
- Piccadily Multiplex
- Bharti Telemedia Limited
- SRS Cinemas, Chennai
- Felix Plaza, Gurugram

Airports

- Jewar Airport
- IGI Airport Terminal-3
- Puducherry Airport
- Chaudhary Charan Singh International Airport, Lucknow
- Dr Babasaheb Ambedkar International Airport, Nagpur
- Sardar Vallabhbhai Patel International Airport, Ahmedabad
- Chandigarh International Airport
- Birsa Munda Airport, Ranchi
- Raja Bhoj Airport, Bhopal

Colleges & Universities

- Delhi University North Campus
- Sharda University
- Institute for Plasma Research, Gujarat
- Amity University, Gurugram & Mohali
- Chettinad Academy of Research & Education, Tamil Nadu
- Jaypee Institute of Information Technology, Noida
- Maharshi Dayanand University, Rohtak
- Doon University, Dehradun
- National Institute of Unani Medicines, Ghaziabad
- National Institute of Homoeopathy, New Delhi
- Mata Gujri University, Kishanganj, Bihar

Exports

- Dubai
- Nigeria
- Sudan
- Qatar
- Sri Lanka
- Bangladesh
- Nepal

OEMs

- Samsung
- Daikin
- LG
- Hitachi
- O General
- Voltas
- Blue Star

IT

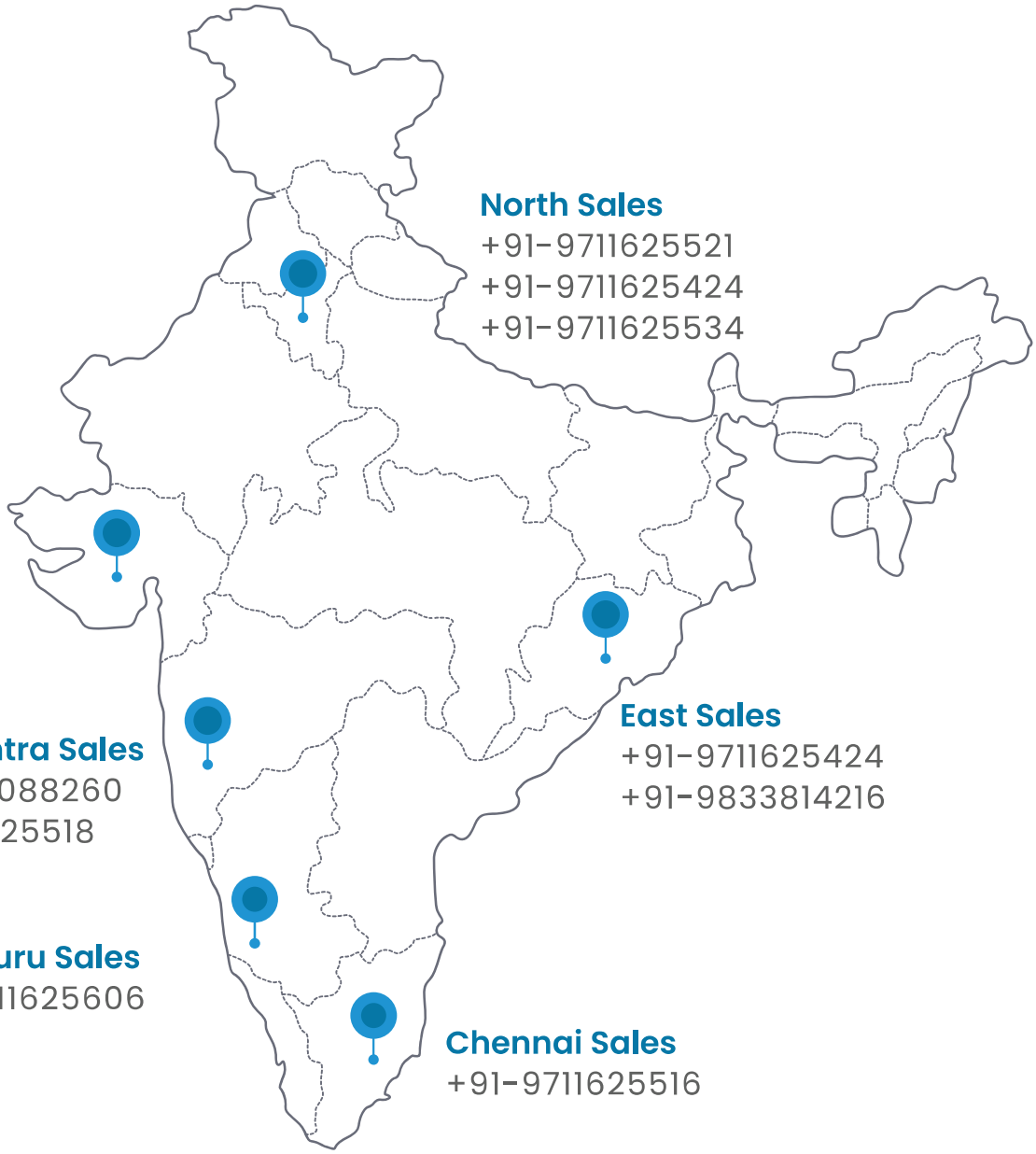
- Google
- Reliance Communications
- HCL Group
- Tata Teleservices
- Birlasoft
- Bharti Airtel
- Nokia

Pharmaceutical

- Sun Pharmaceutical Industries Ltd.
- Ranbaxy Laboratories
- Panacea Biotec
- Torque Pharmaceutical pvt Ltd
- Cipla
- Zydus Lifesciences
- Cadila Pharmaceuticals

Automotive

- Tata Motors
- Maruti Suzuki
- Kia
- Ford
- SML Isuzu
- Tata Marcopolo
- Ashok Leyland



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