

Established in
1973



House of Insulation Materials for Quality

Delivery & Reliability



OFFER YOU

A TOTAL INSULATION CONCEPT

For Thermal (Hot & Cold) & Acoustic
Insulation for various application.

PRAKASH
TRADING
CO.

MFGS., STOCKISTS, DEALERS, RETAILERS

**FOR ALL TYPES OF INSULATION
MATERIALS. TECHNICAL BACK
UP BY RENOWNED**

EXPERTS FROM, RESPECTIVE FIELDS.

SALES NETWORK ALL OVER INDIA.



We are Leading suppliers of Insulation Materials from 1972.
Prompt service from godown, owned by the Prakash Trading Co.

Authorised Dealer of U. P. Twiga Fiberglass Ltd. for Resin Bonded Glasswool, Fiberglass Tissue Paper, Flexible Duct, Fiber Glasswool pipe section and Insulation Materials.

Authorised Dealer of Rockwool India Ltd. & Sunrock Ltd. for Rockwool LRB Mattress, Rockwool Slab, Rockwool Pipe-Section & Loose Mineral Wool.

Authorised Dealer of The Supreme Industries Ltd. for FR Chemically Cross Linked Polyethylene, Insushiled, Silair Shiled. Backer rod, U.V. Barrier & other water proofing material etc.

Authorised Dealer of The Supreme Petro Chem Ltd for Extruded Polystyrene (XPS) Thermal Insulation Board.

Authorised Dealer of Beardsell Ltd. for Thermocol Slab, Pipe Sections & Puff Slab & Pipe Section.

Authorised Dealer of Pidilite Industries Ltd. for Adhesive SR505, Sr998 etc.

Dealer of AR /ACCOFLEX & SUPREMEFLEX & A-Flex of Nitrile Rubber Sheet & Tubes.

Stockist & Distributor for Mineral wool, Ceramicwool, Binding Wire & Wiremesh, Bitumen, Vapour Barrier, Tapes etc.

Stockist & Distributor for FEUKEM - FIRE RATED DUCTWORK

List of Products

- Fiber Glasswool (Resin Bonded Fibre Glasswool)
- Fibreglass Tissue (BGT/FGT)
- Rockwool (LRB / Slabs / Pipe Section)
- Elastomeric Nitrile Rubber Insulation sheet & tubes (AR / ACCOFLEX & ARMAFLEX)
- Thermocole / PUF / Extruded Polystyrene
- Ceramicwool • Chemically Cross - Linked Polyethylene
- Loose Glasswool
- Loose Mineral Wool
- Fevicol SR505. SR998

Allied Products

- GI Binding Wire & Chicken Wiremesh
- Fibreglass Cloth & Tapes
- Flexible Ducts
- Polymeric Tape with HMHDPE Film
- Coal Tar Tape - Wrapping & Coating for waterproofing & anticorrosive protection
- Blown Bitumen
- Tarfelt-ISI Branded, Plastic Felt
- Self Adhesive Tapes
- Aluminium Perforated Sheets
- Hessians
- Polyethylene Sheets
- Aluminium Foil

Glasswool



RESIN BONDED GLASSWOOL (FIBER GLASSWOOL)
AUTHORISED DEALER FOR U. P. TWIGA FIBERGLASS LTD.

Twiga fiberglass wool insulation is a world class insulation product manufactured in India. Twiga Insul is made of fine, long, inorganic glass fibers bonded by high temperature resin and is widely recognised for its energy conserving and sound insulating properties. Fibreglass insulation is used with great success in the industrial, building and air-conditioning industries.

Applications:

Thermal, Acoustic, Air Conditioning, Roofing, Cryogenic, Partitions, Vessels. Marine, Automobiles, Refrigeration, Ducting, etc.

Facing:

Aluminium Foil, Black/White Glass Tissue, Vinyl Facing, Kraft paper Can Available In Roll & Slabs form.

Roll Size

Width 1.2 Mtr x Length 6mtr. - 20mtr.
Density 16,24,32,48 & 64 kgs/m3
Thk(mm) 25,40,50,75

Slabs-

Size -1.2m x 1.0 m
Size- 0.6 m x 0.9 m
Density 32(48,64 kgs /m3
Thk (mm)12, 25, 50,75

Temperature Range:

Twiga Insul is suitable for applications ranging from (-) 195°C to (+) 230°C. For special applications up to 450°C, high temperature binder is available. Aluminum foil facing is suitable upto 120°C.

Twiga Insul Preformed Pipe Sections



TWIGA Insul Preformed Pipe Sections a one piece moulded insulation made from glass fibers bonded together with a high temperature binder. This product offers excellent thermal resistance for the insulation of hot and cold pipes at low cost.

STANDARDS :

Conform to IS 1842 and BS 3958: Part 4

Temperature Range :

195°C to + 230°C (can go up to 450°C with Special Binder)

Density :

80 kgs /m3 (+15%)

Thickness:

25mm, 40mm, 50mm, 65mm, 75mm.

APPLICATION :

Refineris, Petrochemicals, Thermal power plants, construction projects and process industries. Available with Factory laminated Aluminium Foil vapour barrier.

Twiga Flexible Duct



"Twiga Flexible Duct" designed for HVAC systems is strong, light weight, fully flexible, compressible yet dimensionally stable.

Application and Benefits

- Ideal for all air-conditioning and ventilating systems in hospitals, hotels, industrial, residential commercial and office building.
- Due to high degree of flexibility, allows ducting around obstacles where prefabricated metal ducts would be difficult and costly to install.
- Available as bare and pre insulated.
- Standard Length - 7.62m (25 ft.)
- Diameter Range - 100mm to 500mm (4 inch to 20 inch)

Rockwool - Mattresses



PRODUCTS

Lightly Resin Bonded Rockwool Mattresses (LRB) faced on one side with galvanized wire-mesh for thermal insulation. Excellent thermal, acoustic and fire insulation.

STANDARDS

Rockwool Mattresses conform to BS-3958 Part-3 and IS-8183. Density 100Kgs/m³ -150kgs/m³ Thickness 25mm -100mm.

FACINGS

Rockwool Mattresses can be supplied faced with G.I./S.S wire mesh of varying specifications. Other facings can be supplied to specific requirements.

APPLICATION

Can be used in Steam Pipeline, Boiler, Reactor, Tank, Vessels etc.

SERVICE TEMPERATURE:

Range (-) 30 degree C to(+) 750 degree C.

Rockwool Pipe Section



PRODUCT : Preformed Rockwool rigid Pipe Section.

STANDARDS : Pipe sections conform to BS-3958 part 4, ASTM C-547 and IS-9842.

DIMENSIONS Size:1/-14"

THICKNESS 25mm-100mm

FACINGS : Pipe section can be supplied faced with fibre glass tissue, Scrim cloth, canvas and reinforced aluminium foil/craft paper laminates. Other finishes available against specific requirements.

SERVICE TEMPERATURE: Rangeprom (-)50°C to(+)750°C.

DENSITY : Nominal 144kg./m³ when tested as per IS-3144

APPLICATION : Steam & Process Piping, Air conditioning Systems, Round ducts upto 14".

Rockwool Bonded Slabs



PRODUCT

Rockwool Bonded Rigid Slabs for thermal & acoustic insulation.

STANDARDS

Slabs conform to IS:8183 and meet the requirement of BS-3958 part 5

Dimensions 1.00 m x 0.6 m

Density 48 kgs /m³ -144 kgs / m³

Thickness 25mm - 100mm

FACINGS Slabs can be supplied faced with fiber glass tissue, scrim cloth, canvas or reinforced aluminium foil/craft paper laminates. Other finishes available against specific requirements.

APPLICATION Tanks, Large Vessels, Boilers, Ovens, HVAC Ducts, false ceiling, underdeck, overdeck, wall insulation, partition, roofing, etc.

Loose Mineral Wool



PRODUCT

Loose Mineral Wool is a high temperature insulation fibers processed from natural Rocks of selected quality.

STANDARDS

Loose Mineral Confirm to IS:3677

Dimensions

Loose Mineral Wool Packed in HDPE bags of 40 kg. each

Service Temperature -50° C to +750° C

APPLICATION

Tanks, Pipelines, Ovens, Furnaces, and Buildings.

The properties of loose mineral wool includes incombustibility, water repellent, odourless.

Elastomeric Nitrile Rubber Insulation

Now in India manufactured by **Supreme Pvt. Ltd.** world leader in their filed.

The following brands are now available in finest quality & process control conditions. **AR / ACCOFLEX & ARMAFLEX**
This is available in sheets and Tube's (Sleeves)



AR / ACCOFLEX

Values

Material	Foamed nitrile rubber
Density	60 ± 5 kg/m ³
Temperature Range	-40°C to + 105°C
Tube Size	(I.D.) 1/4" x 1.3/8"
Tube Thickness	6mm & 9mm
Sheet Thickness	6mm, 9mm & 13mm

ARMAFLEX

Values

Material	Foamed nitrile rubber
Density	60 ± 5 kg/m ³
Temperature Range	-40°C to + 105°C
Tube Size (I.D.)	1/4" x 4.1/4"
Tube Thickness	9, 13, 19, 25, 32 mm
Sheet Thickness	6, 9, 13, 19, 25 mm

Description:

Flexible elastomeric pipe insulation. Ideal for window, split ACs, plumbing & Light Commercial use. For cost effective energy conservation, sweat control and easy installation. Also offers sound-deadening control for HVAC, refrigeration and plumbing applications.

Application: Flexible insulation for window & split A/c, Ducting, Roofing, Plumbing, Refrigeration, etc.

Insu Sound

ArmaSound RD is a versatile acoustic absorber designed for use in a variety of different acoustic applications. A high performance sound absorber which also offers additional barrier (transmission loss) performance and both vibration damping and de-coupling (isolation) properties.

With a density much greater than traditional acoustic absorption materials, ArmaSound RD is also suitable for some applications that may also call for an acoustic airborne noise barrier.

ArmaSound RD provides a dust and fibre free solution that is suitable for use in a range of demanding environments.

The acoustic properties of ArmaSound RD vary depending on formulation, density and thickness. The best results will be achieved by selecting the most appropriate product grade for the type of noise in question.



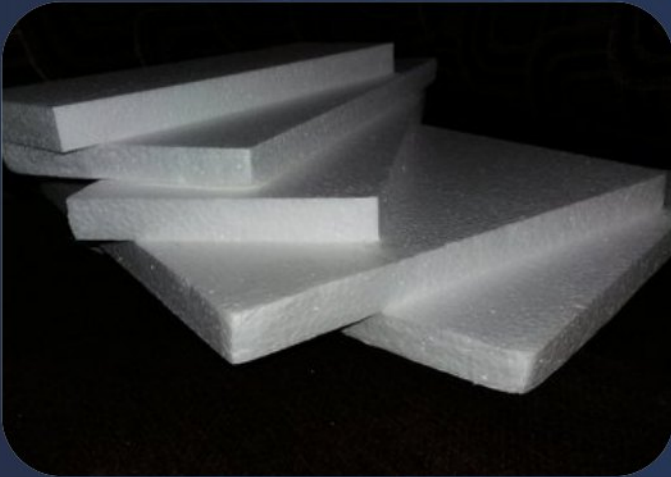
Fevicol

Adhesives & Sealants Fevicol SR 505

Used for PVC flooring and woven carpets. Also for bonding Ufoam / rubber foam / rexine / coir / canvas to each other and also to wood / plywood / metal. Product also finds usage in car & bus Interiors.



-----Thermocole



- ND'and TF Quality
- Slabs: Density: 14-16 Kg/m³ onwards
- Pipe section: Density -14-16 Kg/m³ onwards
- Temperature :(-)20°C to (+)80°C
- Thickness: 25mm -100 mm

APPLICATIONS:

Thermocole/EPS is ideal for

- Packing of Fragile Articles like Electronics and Electrical goods, Glassware, Procession and Lab instruments etc.
- Effective and Efficient insulation for Low temperature appliances i.e. Cold Storage, Industrial Refrigeration, Refrigerated Vans, Sound Insulation, Commercial and Household Air Conditioning

----- Extruded Polystyrene



- Rigid high strength Polystyrene slabs for thermal, efficiency above roofs b walls to ensure energy cost saving.
- Density: 24 Kg/m³ b above.
- Thickness :25 mm-100 mm
- Temperature Range : (-)20°C to (+)80°C

APPLICATIONS:

- Roof, Pitch Roof, Perimeter, Floor.

----- Polyurethane Foam



APPLICATIONS:

We offers a wide range of Insulation Slabs and Pipe Sections with or without lamination for diverse application such as lamination for under-deck roof insulation, construction and insulation of pre-fabncated modular rooms for refrigerated ware-housing, cold storages and refer containers Architectural Panelling b Partitions for Offices, Computer rooms and false-ceilings handling equipment in critical industries where temperature conditions play a very important role and also for sound absorption treatment of walls and ceilings, acoustic enclosures.

- **Density:** 36Kg/m³
- **Thickness:** 25mm -100mm
- **Temperature :** (-)180°C -(+)110°C

----- Ceramic Wool



The refractory fibre blanket Ceramic Blanket is made from long Cerachem fibres of alumina and silica constituents and zirconia

Application:

Specially used for high temperature application like furnace, ovens, chimney, automobiles, marine etc.

- **Density** 64 kg/m³, 96kgs/m³ and 128kgs/m³
- **Thickness** 6mm, 12mm, 25 mm
- **Temperature** 1260°C & 1425°C

Advantages:

- Furnace and Kiln Linings. Three important features make these blankets ideal for the hot-face lining of furnaces and kilns:
- The refractory fibers used to manufacture these blankets are thermally stable at high temperatures.
- Excellent strength after heating assures they will stay put on the furnace lining anchors.
- Good strength prior to heating, so they will resist damage during installation.

Loose Glasswool



Glasswool: (Loose Glasswool)

A product of the earlier technology, Gujwool is manufactured through the centrifugal process of attenuation of Glassfibre (Hager process).

The fibres, produced under stringent process control and technical supervision, are long, firm and lightweight, Gujwool incorporates excellent intermeshing, creating dead air cells which result in superlative thermal and acoustic properties, conforming to IS 3690-1974.

Packing Standard weight of 25 kgs.

Temperature range upto 400°C

Black Glass Tissue



Twiga Black Tissue is a black non-woven felt made of randomly oriented glass fibers distributed in a special binder by a wet-lay process.

Benefits: Minimises fiber fall-out from insulation materials in various applications. Particularly suitable for internal building applications where external surface of insulation is visible.

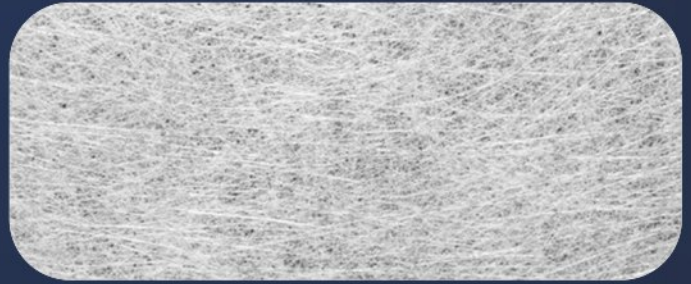
Applications: Used as facing for all types of insulations - fibreglass wool. Mineral wool, Rockwool & etc.

Technical Data:

Nominal Mass 60 g/m²
Nominal Thickness 0.40mm
Fire Rating Class 1

Standard width 1 mtr., 1.2mtrs.
Standard Roll Length 300 mtrs. & above

Fiberglass Tissue



Twiga FGT series fiberglass tissue is a non-woven felt made of randomly oriented glass fiber distributed in a special binder by a wet-lay process.

Applications:

Serves as a wrap for both underground and overground pipeline systems to counter natural and artificial corrosion. Suitable for in-situ waterproffing or waterproofing in the form of a roofing felt.

Benefits:

Serves as both a reinforcement and protection system. Compatible with bitumen, asphalt and coal tar enamels.

Technical Data	FGT 41/10	FGT 45/10	FGT 50/10
Nominal Mass :	41 g/m ²	45 g/m ²	50 g/m ²
Reinforcement Pitch :	10mm	10mm	10mm

- **Standard Width:** 1000mm, 330mm and 200mm.
- **Minimum Tensile Strength:** Longitudinal - 2277 N/m.
- **Transverse** - 700 N/m.
- **Roll Length:** 300 meters, 500 meters & 1000 meters.

Silair Radiant Shield



Silair Radiant Shield blocks radiant heat transfer that faces an air space, upto 95 % of heat radiating down from a hot roof.

Radiant barriers reduce only radiant heat transfer.

Silair Radiant Shield provides a polyethylene bubble pack between two foils on either side which further restricts the flow of heat from either side during change of atmospheric conditions which alter the direction of heat flow.

Chemically Cross - Linked Polyethylene

Product Name :	Insudhield
Materials Description :	Fire Retardant Closed cell Chemically cross - linked polyethylene
Material Form :	Rolls, Sheets and Tubings
Operating Temperature :	-40°C to +150°C
Colour :	Grey
Nominal Density (Kg/m³) :	30 + 2 kg/m ³
Lamination :	Plain, U.V. Barrier film, Met Pet and Aluminium foil.
Area of Application :	A/C & Humidification ducts, Spandrel Insulation, Underdeck, Hot & Cold water pipelines & acoustic flooring



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- Website: www.glasswoolfibre.com

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FOR

- R. B. GLASSWOOL
- FLEXIBLE DUCT
- CROSS LINKED
- ACOUSTIC
- POLYTHENE ROLL
- ROCKWOOL
- CERAMICWOOL
- MINERALWOOL
- THERMOCOLE
- NITRILE RUBBER
- FRD - FIRE RATED DUCTWORK

ALL INSULATION MATERIALS.