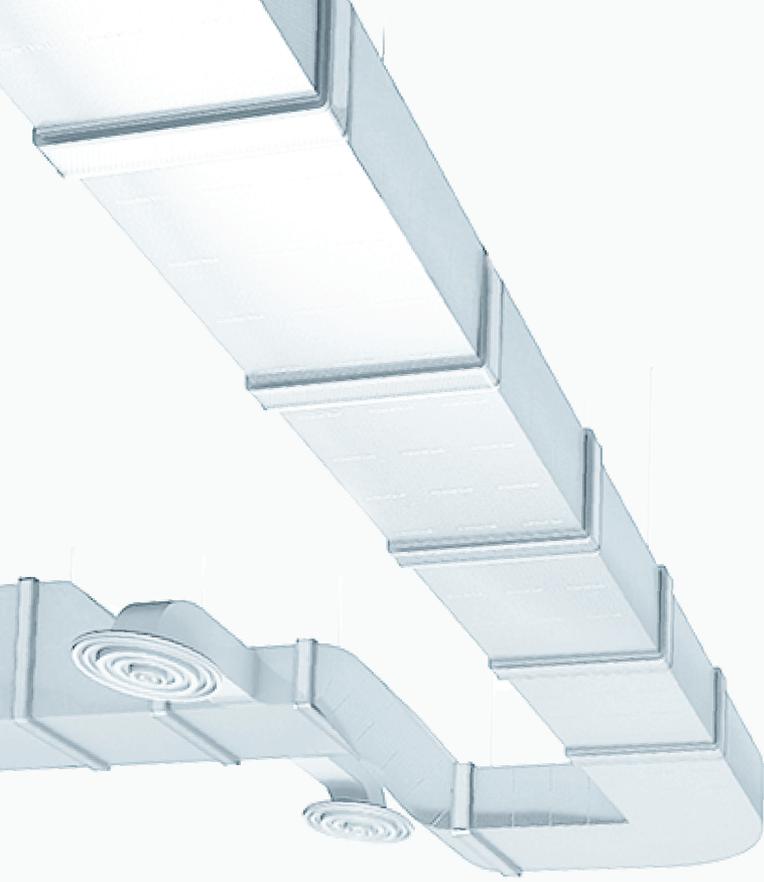




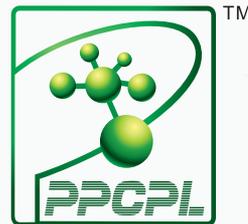
Paramount Polytreat
Chemicals Pvt. Ltd.



PPCPL

EXCELLENCE IN
FIRE PAINT | COATINGS | ADHESIVES | SEALANTS





Paramount Polytreast Chemicals Pvt. Ltd.

OUR PRODUCTS

2Hours Fire Rated
Ductwork
Coating/Fire Paint

Thermal Insulation
Fire Retardant
Canvas Coating

Insulation Adhesives
for Nitrile, XLPE &
Glass wool

Non-Flammable
Solvent Based
Adhesive

Water & Heat Resistance
CR Based Duct Liner
Adhesive

Chlorinated Zinc
Chromate
Anti-Corrosive Coating

Anti-Bacterial
Duct Sealant

The company **PARAMOUNT POLYTREAT CHEMICALS PVT. LTD. (PPCPL)** was established in 1997, order to provide state of the art and cost-effective solutions for companies which range from the small operator which have highly specialized needs to the large scale operation which has bulk HVAC Products & chemicals requirement.

The **PPCPL** organization has been built up to support the tailored HVAC Products needs of its customers. The team is highly experienced and well qualified in the HVAC sector and they work in a dedicated and motivated fashion to make **PPCPL** a success both commercially and technically so that it can properly support its market base.

PPCPL has a highly adaptable plant and a wide range of machinery where we can undertake production runs which are customer specific, and these can be from quantities of a few kilos to thousands of tons and of varying different packaging sizes. (We can deliver on short notice to local customers on a call off basis or we can send large orders depending on the need of the customer.) Our deliveries are customized and promising based on the requirements and customers locations.

Under the guidance of our mentor “**Mr. Ahmad Kamal Usmani**” we have become the best option of our clients. Our mentor has years of understanding of this arena.

LOCAL AVAILABILITY IN INDIA

Mumbai • Chennai • Kerala • Kolkata • Hyderabad • Chandigarh • Mohali
Jaipur • Ahmedabad • Bangalore • Lucknow • Kochi

STARBOND 30-36[®]

(Confirm to BS 476 Part - 5, 6, & 7)
(Thermal Insulation Fire Retardant Canvas Coating)



DESCRIPTION :

STARBOND 30-36[®], an aqueous solution is applied in conjunction with woven fiber Glass cloth spreading on the outer surface of insulated GI/AL ducting, chilled water piping, that provide sealing against air moisture, mechanical impact and resistance to scratches - for indoor & outdoor applications

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Color	Milky White & Z Black
Viscosity @ 30°C	65000 to 75000 cps
Specific Gravity	1.4
Coverage	1.2 to 1.5 m ² / with three coats
Bonding Time	30-minute (at 30°C DBT, 60% RH)
Drying Time	Touch dry- 2 hours, Hard dry-16 hours.
Temperature Range	-25° to 112 °C
VOC Content (Gram/Litre)	10.9
Water Permeance	0.018 perms as per ASTM E-96
UV Resistance	Excellent
Fungi Resistance	Excellent



CERTIFICATIONS

Properties	Result
Confirm to	BS 476 Part-5 (Ignitability)
Confirm to	BS 476 Part 6 (Non-Combustible, Class-O Material)
Confirm to	BS 476 Part 7 (Fire Propagation, Class-1 Material)
Confirm to	ASTM E84(Flame Spread & Smoke Developed)
Confirm to	ASTM D 93 (Flash Point)
Confirm to	ASTM D 1640-03 (Drying time at 23°C& 50% RH)
Confirm to	VOC Content tested as Per IS 101 (Part-2/Sec-2)1986 & IS101 (Part-2/Sec-1) 1988& ASTM D 3960
Confirm to	ASTM E-96 (Water Permeance 0.018 perms as per)
Confirm to	ASTM E424 (Excellent UV Resistance)
Confirm to	Excellent Fungi Resistance

MAGIK VB 95[®]

(UL -723 CLASSIFIED HVAC Vapour Barrier Coating)



DESCRIPTION :

MAGIK VB 95[®] is an UL Classified, anti-fungal, low VOC, water based, fire retardant, high solid vapour barrier coating for Duct Insulation. MAGIK VB 95[®] is flexible, washable, tough, abrasion resistant and has low odor. MAGIK VB 95[®] has excellent water resistance and low water permeance. MAGIK VB 95[®] can be used in high humid environment and greatly retards water vapour permeation. MAGIK VB 95[®] is specially formulated for both indoor and outdoor applications.

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Color	Milky White
Physical Form	Thixotropic Paste
Solid Content	72±2 %
Viscosity @30°C	55000 to 70000 cps
Specific Gravity	1.40±0.10 kg/ltr
Flash Point	No Flash to >150oC
Coverage	1.2 to 1.5 m ² / with three coats
Bonding Time	30-minute (at 30°C DBT, 60% RH)
Drying Time	Touch dry- 2 hours, Hard dry-16 hours.
Temperature Range	-30°C to 110 °C
VOC Content (Gram/Litre)	12gm/Ltr
Water Permeance	0.018 perms as per ASTM E-96

CERTIFICATIONS

Properties	Result
Confirm to	Under Writers Laboratory (UL 723)
Confirm to	Military Spec. MIL-A-3316C, Class 1, Grade A
Confirm to	LEED IEQ 4.2, Low Emitting Materials, Paints & Coatings (VOC <50 g/ltr)
Confirm to	SCAQMD Rule 1168 & 40 CFR 59
Confirm to	NFPA 90A and 90B 25/50
Confirm to	DCL Approved
Confirm to	Free of asbestos, lead and mercury compounds



Paramount Polytre
Chemicals Pvt. Ltd.



STARCOAT-CRC®

(Confirm to BS 476 Part - 6, 7, 20 & 24 Vertical & Horizontal)
(2Hours Fire Rated Duct Work Coating)



DESCRIPTION :

STARCOAT-CRC® is a single component water base self-priming and top coat for various metals. It is heat resistant, fast drying self-primer and fire-retardant coating. This product has excellent adhesion properties with good impact resistance.

Coating which is a specially formulated water base compound. This contains selected mineral fillers in a low permeability elastomeric binder to achieve thickness of approximately 700 to 900 micron to give a finished product which has been successfully tested fire conditions in excess of 2Hours for 1133°C

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Specific Gravity	1.36 ±0.02
Solid Content	68% ±2%
Heat Resistance	1133°C
Application Temperature	-5 to 55°C
Technical Coverage	1.3 to 1.5 m ² /Kg based on an applied @ 0.7mm to 1mm (DFT)
Self-Life	12 Month from the date of Manufacturing



CERTIFICATIONS

Properties	Result
Confirms to	120 Minutes fire rating Vertical & Horizontal as per BS 476 Part-20&24
Confirms to	BS 476 Part 6 (Non-Combustible, Class-O Material)
Confirms to	BS 476 Part 7 (Fire Propagation, Class-1 Material)
Confirms to	Impact Resistance-No Loss of Adhesion - IS:5585-120Nm
Confirms to	Artificial Weather testing ASTM G154
Confirms to	Corrosion Resistance ASTM-D 1654



Paramount Polytrear
Chemicals Pvt. Ltd.



MAGIK 85-23[®]

(Confirm to ASTM E 84 & US EPA - 24)
(Non-Flammable Solvent Based Duct Adhesive)

VOC
29.26



DESCRIPTION :

MAGIK 85-23[®] is a premium quality adhesive, which is non-flammable in the wet state. MAGIK 85-23[®] has special additives, tackifiers and resin, which provide it with non-flammable nature and excellent bonding properties.

FEATURES :

- Excellent Bonding and Peel off Strength
- Excellent Drying and Adhesion
- Excellent Open Time and Wet Tack
- Excellent Bonding to Porous & Non-Porous Surfaces
- High Strength
- Chemical Resistant
- Non-Toxic
- Non-Flammable in Wet State

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Confirm to	ASTM E 84
Colour	Light Yellow
Physical form	Liquid
Specific Gravity	1.26±0.10 kg/Litre
Solids Content	21±3 %
Viscosity	400-900 cps
Flash Point	No Flash to >100°C
Drying Time	15 to 25 Minutes
Service Temperature:	Minus 35°C to 100°C
Coverage Range	5 to 6 m ²
Application	Brush or Roller

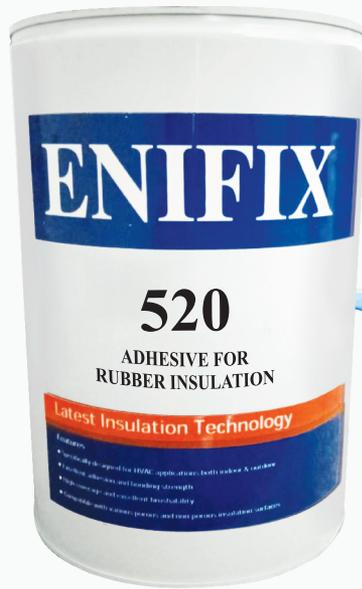


Paramount Polytreast
Chemicals Pvt. Ltd.



ENIFIX 520®

(Confirm to US EPA - 24)
(Adhesive For Rubber Insulation)



DESCRIPTION :

ENIFIX 520® is a one component adhesive developed specially for Nitrile rubber insulation material. It is ideal for closed cell & PE Cross link foam insulation system. ENIFIX 520® is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond.

FEATURES :

- Excellent bonding to Porous & Non-Porous Surfaces
- Quick Drying and Setting Time
- Excellent Heat Resistance
- Extremely Low Odor
- Chemical Resistant
- Excellent Tack

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Light Yellow
Physical form	Liquid
Specific Gravity	0.83±0.05 kg/Litre
Solids Content	18±2 %
Viscosity	400-900 cps
Flash Point	>10°C
Drying Time	15 to 25 Minutes
Service Temperature	Minus 25°C to 120°C
Coverage Range	5 to 6 m ²
Application	Brush or Roller

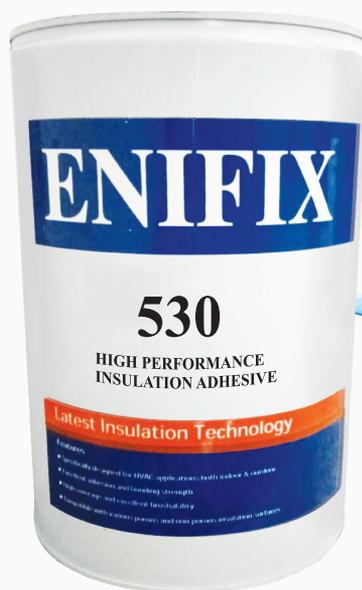


Paramount Polytreast
Chemicals Pvt. Ltd.



ENIFIX 530®

(Confirm to US EPA - 24)
(High Performance Insulation Adhesive)



DESCRIPTION :

ENIFIX 530® is a one component adhesive developed specially for NBR, Nitrile rubber & XLPE insulation material. ENIFIX 530® is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond.

FEATURES :

- Good bonding to Porous & Non-Porous Surfaces
- Quick Drying and Setting Time
- Good Heat Resistance
- Extremely Low Odor
- Chemical Resistant
- Excellent Tack

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Light Yellow
Physical form	Liquid
Specific Gravity	1.26±0.10 kg/Litre
Solids Content	21±3 %
Viscosity	400-900 cps
Flash Point	No Flash to >100°C
Drying Time	15 to 25 Minutes
Service Temperature	Minus 35°C to 100°C
Coverage Range	5 to 6 m ²
Application	Brush or Roller



Paramount Polytreast
Chemicals Pvt. Ltd.



ENIFIX 550®

(Confirm to US EPA - 24)

(Premium Quality Adhesive for Insulation)



DESCRIPTION :

ENIFIX 550® is a premium quality, one component contact adhesive based on polychloroprene rubber is specially formulated for stress bonding of nitrile rubber & XLPE insulation material. ENIFIX 550® is made from a combination of special resins & additives that produce low odor and provide excellent tack properties along with a very strong bond.

FEATURES :

- Excellent adhesion and high bonding strength
- Excellent bonding to porous and non-porous surfaces
- Suitable for material under tension
- Usable both indoors and outdoors
- Excellent heat resistance
- Chemical resistant
- Excellent tack
- Low odor

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Dark Brown
Physical form	Liquid
Specific Gravity	0.85±0.05 kg/ltr
Solids Content	24±2 %
Viscosity	1500-1700 cps
Flash Point	Flash Point < 21°C
Drying Time	Approximately 10-25 Minutes
Service Temperature:	Minus 40°C to +90°C
Coverage Range	3-4 m ² /ltr.
Application	Brush or Roller



Paramount Polytreast
Chemicals Pvt. Ltd.



ENIFIX ECO 4050®

(Confirm to ASTM E 84 & SCAQMD 304-91)

(Water Based Non-Flammable Adhesive)

VOC
9.0



DESCRIPTION :

ENIFIX ECO 4050® is a water based, Low VOC adhesive specially developed for HVAC ducting, chilled water piping and underdeck insulation applications in the HVAC industry. ENIFIX ECO 4050® is based on a very special type of synthetic resin, with very high-performance additives, fine grade mineral fillers and tackier. ENIFIX ECO 4050® is non-flammable when wet and fire-resistant when dry.

FEATURES :

- Low Flame spread and Smoke developed
- Excellent Bonding and Peel off Strength
- Solvent Free Synthetic Elastomer Emulsion
- High Compatibility with Insulation Fiber & Fabric
- Excellent Coverage
- Weather Resistant
- Heat Resistant
- Non-Toxic

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Light Green & Cream
Temperature Range	Minus 20°C to 120°C
Physical form	Thixotropic Paste
Viscosity	25000-50000 cps
Specific Gravity	1.15±0.10 kg/ltr
Water & Chemical Resistance	Excellent
Solids Content	68±3 %
Flash Point	No Flash to >100°C
Coverage	6 to 8 Sqm
VOC Content	VOC <50 g/ltr
Service Temp	Minus 25°C to 100°C
Application	Brush & Roller & Spray



Paramount Polytre
Chemicals Pvt. Ltd.



ENIFIX BA 60®

(Cold Applied Bituminous Based Adhesive)



DESCRIPTION :

Cold Applied Bituminous Adhesive is a liquid form for open cell Glass Wool, Rockwool and partial cell Thermocol & Puff. Ideal for adhesion of Duct/Chilled Water Pipe run and cold storages external wall, common floors and ceilings against hard industrial Bitumen grade 85/25 available in solid state packed in drum. ENIFIX BA 60® is oxidized, cold applied, quick setting and low cost Bituminous Adhesive.

FEATURES :

- Good Adhesion
- Non Toxic
- Alkali Resistance
- Very Good Cohesion
- Anti-Fungal & Anti-Bacterial
- Suitable for all Zone in India

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Black
Physical form	Liquid
Specific Gravity	1±0.10 kg/ltr
Solids Content	68±2 %
Open Time	15 to 20 Minutes
Temperature Range	Minus 20°C to 80°C
Coverage Range	3 to 4 m ²
Application	Brush or Roller
Packing Size	Available in 20 Litre of Air tight metal pail



Paramount Polytrear
Chemicals Pvt. Ltd.



PARACOAT-BPC®

(Buried Pipe Insulation Protective Coating)



DESCRIPTION:

Buried Line Insulation Protective Coating (For open, partial & closed cell insulation) **PARACOAT-BPC®** an aqueous solution to be applied/Spread direct over insulation in conjunction with a single layer of fire proof woven fibre glass cloth against cumber some conventional process for underground insulation coating involving Vapour Barrier, Chicken Wire Mesh, Cement Plastering, Tar felt and sealing the joint with 85/25 hot bitumen.

Applicable for open cell (Glass wool), Partial Cell (Thermocol/Puf), Cross linked (Polyethylene) & Closed cell (Elastomeric). It can be ideally used for underground piping chilled water, Bare condense water piping & Bare Hydrant Fire Fighting System Piping.

FEATURES :

- Comparative Very Low Water Vapour Permeability
- Chemical Resistance
- Alkali & Corrosion Resistance
- Excellent Bonding to most of the insulation material
- No effect of Sodium, Chloride, Potassium and Salt Encountered En route of soil
- Suitable for all zone in India

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	Black
Temperature Range	Minus 20°C to 120°C
Physical form	Liquid
Specific Gravity	1±1.08 kg/ltr
Water & Chemical Resistance	Excellent
Solids Content	68.4±0.2 %
Water Vapour Permeance	0.008 perms at 1.20mm dry film thickness
Elongation	1000% ASTM D 522-93-A
Softening Point	Up to 120°C, If Exposed to Direct Sunlight
Bonding Strength	Excellent
Application	Gun Machine or Pressure Machine



Paramount Polytrear
Chemicals Pvt. Ltd.



STARCOAT-FRP®

(Chlorinated Zinc Chromate Anti-Corrosive Coating)



DESCRIPTION:

STARCOAT-FRP® is a single component, high build anticorrosive chlorinated rubber suitable plasticized primer and coating. It is highly corrosion resistant, fast drying CR primer. This product has excellent adhesion properties with good impact resistance. It can be used as a part of a system comprising a primer or Top coat in areas exposed to atmospheric corrosion. These properties allow STARCOAT-FRP® to be used in a wide variety of industrial applications.

Suitable for use in both new structures and as overcoat in industrial maintenance. It can be used in a wide variety of environments including offshore structures, petrochemical & chemical complexes, storage tanks & pipelines, fertilizers industries, bridges, pulp and paper mills and in the power industry.

FEATURES :

- Excellent Anti-Corrosive Property
- Water Resistance
- Excellent Heat Resistance
- Excellent Impact & abrasion Resistance
- Very Easy application By Brush or Roller
- Fast Drying
- Suitable for metal & concrete

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Base	CR
No of Component	One
Colour	Green, Red, Yellow & Off White
Temperature Range	Minus 20°C to 45°C
Solvent	Hydro Carbon
Viscosity	13000 - 16000 cps (Brook Field)
Specific Gravity	1.15±0.10 kg/ltr
Water & Chemical Resistance	Excellent
Density	1.3
Flash Point	Minus 20°C
Solids Content	45±2%
Heat Resistance	120°C
Drying Time	Touch Dry 15-20 Minutes & Hard Dry 8 Hours
Coverage	7 to 8 Sqm
DFT	40-50 Microns
Service Temp	Minus 20°C to 45°C
Application	Brush & Roller & Spray
Water Resistance	Excellent



Paramount Polytrete
Chemicals Pvt. Ltd.



ENIROOF PUF-103[®]

(Anti-Corrosive Clear Coating For Copper & Aluminium)



DESCRIPTION :

ENIROOF PUF-103[®] is cross linked urethane based acrylic resin, translucent gloss finish coating, which give excellent abrasion and heat resistant protection against most challenging weather & condition, with very good film forming nature. ENIROOF PUF - 103[®] is air drying and quick setting formula to use in industrial application.

FEATURES :

- Very Good Protection against Sox & NOx
- Excellent Heat Resistance
- Very Good Abrasion Resistance
- Non-Yellowing with age
- Good Film forming nature
- Quick dry in normal ambient temperature
- Excellent adhesion to most of metal
- Excellent Water, Alkali & Salt Resistance

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Base	Cross linked urethane acrylic resin
Colour	Translucent , clear
Solid By Wait	30 ± 2
Specific Gravity	0.92 to 1.00 ± 2
Heat Resistance	Excellent
Film appearance	Glass , clear
Film Nature	Tough and hard
Coverage/lit. @ 30μ DFT	12 m ² ± 2
Recommended DFT	40-50μ
Drying time @ 35°C	Touch dryHard dry 30 minutes24 Hours



Paramount Polytrear
Chemicals Pvt. Ltd.



CHEMXSEAL 32-17®

(Anti-Fungal Acrylic Duct Sealant)



DESCRIPTION :

Chemxseal 32-17® is anti-fungal, low VOC water based, flexible fire resistive, indoor & outdoor usable vapour barrier sealant for low, medium, and high pressure/high velocity metal, fiberglass and flexible heating and air conditioning ducting systems. Chemxseal 32-17® is highly elastic in nature. Chemxseal 32-17® has excellent adhesion to metal & aluminium. Chemxseal 32-17® performs as a tough & flexible adhesive and sealant, forming a durable seal against air leakage.

FEATURES :

- Zero Flame spread and Smoke developed
- Excellent Adhesion and High Strength
- Washable and Water Resistant
- Compatible with Polystyrene Foam Insulation
- Compatible with Polyurethane Foam Insulation
- Non Toxic and Non Flammable
- Low Water Permeance
- Weather Resistant
- Fire Resistant
- UV Resistant
- Anti-Fungal & Anti-Bacterial

SPECIFIC TECHNICAL DATA SHEET

Properties	Result
Colour	White, Grey & Black
Physical form	Thick Pest
Specific Gravity	1.35±0.30 kg/ltr
Solids Content	68.4±0.2 %
Water Vapour Permeance	0.008 perms at 1.20mm dry film thickness
Flash Point	No Flash to >150°C
Temperature Range	Minus 30°C to 200°C
Application	Gun Machine or Pressure Machine

PARAFAB-GFC® (Fiber Glass Cloth)

Description :

PARAFAB-GFC® is a versatile and unique fiberglass fabric with excellent combination of properties from high strength to fire resistance. PARAFAB-GFC® is specially designed for reinforcement for Chiller pipe; Air-condition metal duct and other type of insulation's protection with specialty coating.

PARAFAB-GFC® is dimensionally stable engineering material and its dose not stretch or shrinks after exposure to extremely high or low temperature.



PROJECT REFERENCES

PPCPL

Google
Nausena Bhawan
DELHI INDIRA GANDHI INTERNATIONAL AIRPORT
PEPSICO India
 Chhatrapati Shivaji International Airport
Facebook
 दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड
 Delhi Metro Rail Corporation Limited
MMTCL LIMITED
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