## MAHALAXMI SALES CORPORATION

HARDWARE, ELECTRICALS, WELDING SAFETY ITEMS, TOOL, PAINTS & LUBRICANTS

Power Tools

Bar Bending Machine

Bar Stud

Road Cutting Machine Safety Items
Safety Items
Shalitex Board

Welding Machine

CONSTRUCTION & INDUSTRIAL MATERIAL
ALL CONSTRUCTION & INDUSTRIAL MATERIAL UNDER ONE ROOF

## INTRODUCTION OF **OUR COMPANY AND ITS PRODUCTS**

Incepted in the year 1994 at Ghaziabad, (Uttar Pradesh, India) We "Mahalaxmi Sales Corporation", are among the distinguished Traders and Suppliers of an assorted gamut of welding Tools, Abrasives Tools, Lifting Tools, Power Tools and Electrical Items.

We take pride as one of the leading manufacturers of various infrastructure products like PQC Materials (PVC Membrane Sheet, De-Bonding Strip, Backer Rod, Joint Filler etc.) which are being used in Road Projects. & concrete chemical

We have catered to several Construction Companies who mostly do the NHAI Projects, Builders, Architect Company, Engineering Company Contractors, Government department in the past and have had good working relation with all them, with no complaints from our clients. As a company we offer you the supply of highest standard and at extremely competitive rate. Our Products are highly recommended by all leading companies.

We also have a Number of satisfied companies/Clients, & Governments Bodies. We are fully aware for your specific requirement and we can satisfy the specific parameters provided by you

Due to our wide distribution network and fast modes of transportation, we have been able to deliver products to our clients in timely manner. Backed by proficient team members, we have been able to maintain cordial business associations with some of the trustworthy and certified vendors across the country. Owing to our rich vendor base, we have been able to meet the bulk requirements of our clients within stipulated time frame. At our quality management department, our entire product range undergoes rigorous tests on various parameters to ensure its durability and quality.

Under the valuable guidance of our owner, Mr. Vikas Singhal, Ramavtar Singhal the organization has acquired a remarkable position in the industry. His rich domain expertise, experience and support have assisted us in gaining the trust and confidence of our clients spanning across the nation.

## WE ARE AUTHORISED DEALER OF:























## WE ARE AUTHORIZED VENDOR OF:















































































































































M-04

CHOPSAW MACHINE



















































**CONVEX MIRRIOR** 

**COTTON GLOVES** 

EAR MUFF & EAR PLUG

**ELECTRIC GLOVES** 











FOLDING STRETCHER

**GUM BOOT** 

KNITTED GLOVES

LEATHER HAND GLOVES

M-35 Half Mask Dual Cartridge Disposable Half Mask, Particulate Powered air Purifying Respirator (PAPR) Continuous Flow Supplied Air Respirator Self Contained Half Mask<mark>, Dual</mark> Cartridge R<mark>eu</mark>sable Full-Face Dual Cartridge Reusable Canister Type Gas Mask Breath<mark>in</mark>g Appartus (SCBA)



**NOSE MASK** 

NOSE MASK 3M







**RUBBER GLOVES** 



REFLECTIVE TAPE



**ROPE LADDER** 



SAFETY ANKLE SHOES



SAFETY APRON



M-44 SAFETY DANGRI





































**ROAD BARRIER** 











**SOLAR STUD** 

**SEARCH LIGHT** 









**SOLOR BLINKER** 

SOLOR TRAFFIC LIGHT

WHEEL STOPPER

M-74 MUMBAL TRAFFIC POLICE





**ROAD BARRIER** 







SINGLE DOOR HOSE BOX

FIRE STAND & FIRE BUCKET

**FIRE BLANKET** 







FIRE SAFETY SIGN









DOUBLE OUTLET LANDING VALVE







**HOSE REEL** 













FIRE SAFETY MASK























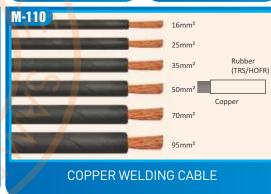


M-107

**PUG MACHINE** 































M-124 WIRE ROPE SILING

PULLING LIFTING MACHINE



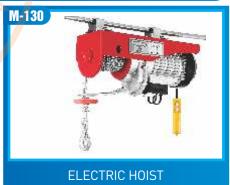


















# M-134 BAR BENDING MACHINE



COMPRESSOR FOR ROAD



**ELECTRICAL VIBRATOR** 







**ROAD CUTTING MACHINE** 



PETROL KAROSINE VIBRATOR





**PLATE VIBRATOR** 



**JOINT PINS** 



**POLYTHENE SHEET** 



**POLYTHENE SHEETS** 



**JOINT PIN** 



**PVC TARPOLINE** 



**RAPID CLAMP** 



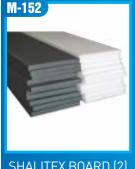
WING NUT & TIE ROD



RUBBER WATER STOPPER



M-151 SCOFFOLDING COUPLER



SHALITEX BOARD (2)



M-154 MS SHIKANJA

M-155 SHUTTERING PLY





M-158

THREAD ROD























THREAD NIPPLE















**BARREL PUMP** 



**ARMOURED BOARD** 



**BRASS BALL VALVE** 



**ANCHOR FASHNERS** 



**BEAM CLAMP** 



**BEAM CLAMP** 



**ADMIXTURES** 



C-CHANNEL



CHILLI CLAMP







Conbextra HES Grout





Dekguards Coating Chemicals





Protective Coating Chemicals



gasitaly\_g\_38

Nitobond AR Adhesives

Nitocote UR Polyurethane Chemical

Nitoflor Floor Coatings

Nitoflor Hardening Compound1

Reebol Chemical Agent



CHEMICALS



**CUBE MOULD** 



**CPVC PIPE & FITTING** 



**HDPE PIPE** 



CURING BRADED PIPE



M-193 **(10)** CO FLORTOP-RTU FLOWRING HARDNER











M-199 ICO GROUT-GI





**PROFILE MS SHEET** 

CICO GP2 POWDER

FOSROC CEBEX 100

U-BOLT







**GI WASHER & SCREW** 

**HESSION CLOTHS** 

HYDRAULIC TESTING PUMPS





M-207

DIFFERENT TYPE OF U-BOLT

**GUNNY BAG** 





**EARTHING STRIP** 

DIMOND CORE BIT

FLANGE NUT & ALLEN BOLT









13





**BRASS SIEVES SET** 



TORQUE-WRENCH



DIAL THICKNESS GAUGE







M-221 165 DIGITAL MOISTURE METER





















LASER LEVELLER MACHINE

MICRO METER









































STENLEY HAND TOOLS



15W40 & 20W40 Mobi Oil



MOBIL OIL



HYDRAULIC OIL DRUM



MP3 GREASE



SHUTTERING GREASE



SUTTERING OIL



VALVOLINE-HYDRAULIC-OIL



RED OXIDE PRIMER BERGER



**EPOXY PAINTS** 



**ALLUMINIUM PAINT** 



RED OXIDE PRIMER ASIAN



HELOGEN FITTING



**COPPER FLEXIBLE WIRE** 



MCCB & RCCB





#### DOWEL BAR SLEEVES

#### **USES:**

Sleeves are used to de-bond dowel bars from conccrete to facilitate a sliding movement of the bars within the sleeves upon expansion, contraction of panels. Sleeves must be robust in construction so as to not crack or tear from minor impacts caused by placement of the dowel bar filled sleeves into cradles or paver trolleys. They must be smooth enough so as to pass the slip test stated below for conformance to MORTH code. And must importantly, they should be of thin wall thickness to minimize concrete cracks caused by compressoin sleeves under load. Failure of sleeves can lead to cracking of panels due to dowel locking.

#### **VARIANTS:**

Products manufactures sleeves in Virgin & Reprocessed variants. Our Virgin

Sleeves are batch tested for conformance to MORTH code and come with test certificate to guarantee the same. The virgin quality of sleeves can be identified by their transparency.

Reprocessed Sleeves are made from recycled plastic and are hence more economical. However as there is inconsistency of the raw material. Test certificates cannot be offered for the same.

#### **SIZE AVAILABLE:**

Sleeves of 25, 30, 32, 36 and 40 diameter with lengths from 100 mm to 360 mm are available. Custom Sizes as per requirement of clients can be manufactured.

#### **TEST FOR DOWEL BAR SLEEVE:**

Dowel bars shall be covered by a thin sheath for at least 60 percent of the length from one end of dowel bars in contraction joints or half the length plus 50 mm for expansion joints. The sheaath shall be tough, durable and of an average thickness not greater than 0.5 mm and shall have closed end. The sheathed bar shall comply with the following pull out test.

Four bars shall be taken at random fro stock and without any special preparation shall be covered be sheaths as required in this Clause. The ends of the dowel bar which have been sheathed shall be cast centrally into concrete specimens 150x150x600 mmmade of thesame mix proportions to be used in the pavement, but with a maximum nominal aggregate size of 20mm and cured in accordance with IS:516. At 7 days a tensile load shall be applied to achieve a movement of the bar of at least 0.25 mm. The average bond stress to achieve this movement shall not be greater than 0.14MPs.



## SEPARATION MEMBRANE USES:

Separation Membrane is used in concrete roads to enable the PQC layer to slip atop the DLC layer as well as to create an impermeable barrier between the PQC - DLC interface. His barrier prevents permeation of water and chemicals between the two layers through percolation of water and chemicals between the two layers through percolation or caplillary action.

## ADVANTAGES:

- Reduces surface defects and cracks in PQC.
- 2. Batch tested for conformance to March, Most & IRC code.
- 3. Price efficiency while maintaining high quality.
- $4. \ \ Fuel/Solvent/Water impermeability under intense weather conditions.$
- 5. Excellent tensile strength, abrasion and puncture resistance.
- 6. Continuous layer structure & smooth surface free from puncture holes or any other physical defects.
- 7. Resists puncture of tearing from impact of concrete during laying and abrasion during compaction.

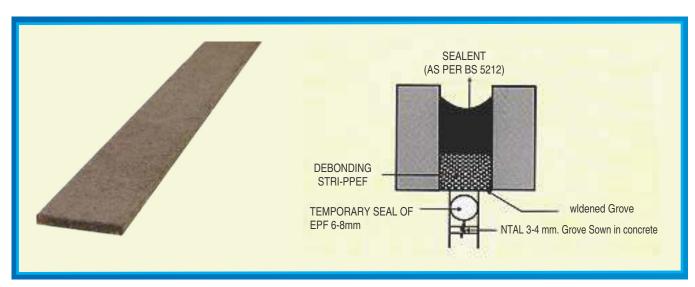


These are continuous Layer structure sheets made of olefin based polymeric resin formulations.

#### **DESIGN CRITERIA:**

Formulations for the Separation Membrane is designed keeping in mind the end goal of reducing cracks in concrete by enabling efficient slip & impermeability while maintaining elasticity and toughness. For this purpose specialized resins are synthesized to impart on sharp rocks on the Separation Membrane during unloading from Dumpers, Hyvas or Tms. A proprietary ISO - Thermal extrusion process imparts the required surface properties for retaining sooothness after the abrasive action of vibrating sand and aggregates during spreading & compaction of concrete.

## **JOINT FILLER MATERIALS**



#### **IMPORTANT:**

As per IRC 15:2011, Usage of Paper Backed Debonding Stripes is more economical than usage of PE Foam Backer Rod. Usage of Debonding Stripes demands lower depth of final cutting thereby saving cost of the contractor when used in substantial quantum.



## PE FOAM BACKER ROD

#### **USES:**

It is used as backing for elastomeric sealants in Horizontal Joints in Rigid Pavements its circular section provides a convex shape to the giving it a minimum strain shape. It also aids in preventing three-point contact of the sealant.

#### **ADVANTAGES:**

- · Prevents Three Point Adhesion.
- Excellent movement accommodations
- · Excellent bond breaking ability
- · Avoids Air Bubble in Poured Sealant
- · Acts as water barrier and is chemical resistant.

#### Joint Size Recommendation (As per Latest IRC Standards):

RECOMMENDATION IN	GROOVE SIZES (IRC 15:2011)	DEBONDING STRIPS SIZE
Longitudinal Joints	8mm x22 mm	10 mm Dia
Transverse / Contraction Joints	10mm x 25mm	12mm Dia

#### **Physical Properties at NTP:**

PROPERTY	TEST METHOD	VALUE
Component		Single
Form		Flexible Solid
Appearance		Flexible Foam Rods
Colour		White / Grey
UV resistance	-	Excellent
Dimensional Stability		Excellent
Service Temprature		-300 to 700C
Flexibility	-	Excellent
Water Absorption		< 0.3 g/cc
Density	-	24-48 kg/ltr
Tensile Strength	-	> 200 KPa

#### **APPLICATION:**

Backer rod is applied using hands or using a blunt tool a avoid damage to product. It should be placed in the joint so as to acquire minimum sealant depth as specified. Generally diameter of backer rod to be used should be 20-25% more than the width of the joint.





#### **PACKAGING:**

Backer rod is supplied in the form of bundles is rolls of the specified diameter. Special sizes and dimensions can be supplied on request subjected to feasibility and quantity.

## **CONCRETE CUTTING MACHINE**

Over a period of two decades, Mahalaxmi Products has optimized its machine designs for Concrete, Asphalt and Kerb Cutting machines with cutting capacity ranging from 10mm to 2000 mm depth.

Our machines are built to stand the test of the toughest of situations and remain reliable even after a long service life.

Mechanisms are simplified for easy access and repairs by on site machanics. Machines chassis are manufactured with precision techniques to guarantee a perfect straight line cutting ability.







## **EXPANSION JOINT FILLER BOARD**





#### Technical Date for H-20 / 100-Grade filler board

Density : 100± 10 Kg. / m.<sup>3</sup>

Tensile strength : 12 Kg. / sq.com.

Elongation : 110% (Recovery 98%)

Recovery at 50%: average 97% (As per M.O.S.T. test

compression procedures)

Water absorption : 0.02% (negligible)

Temperature range : -40 to 100°C

Fuel / Solvent / : Excellent (Similar to LDPE)

Chemical

Resistance

Reaction / Adhesion : Totally inert with all type of sealant.

to Sealants

Weathering : Passes Weatherability test. Conditions

Code of Practice : BS

Highway works vol 1015

Passes all IS 1838 tests

Technical Specifications for full range of our product manufactured by us:

Hardness : 10 to 40 shore A.

Width : 6 mm to 1000mm

Thickness in mm : 6/10/12/15/18/20/25/30/35/40/45/50

Length : 1m, 2m, 7.5, 8.5m, 9.5m.

Special sizes can be also be manufactured on special orders

#### **DESCRIPTION:**

This is microcellular, closed cell, EVA foam Board being manufactured in various grades, size & shapes to meet various requirements of construction industry.

Technical Compliance: Specification of Highway works As per Vol: I-clause 1015

B.S. 5628 / B.S. Specification clause No. 2630 (M.O.S.T./MORTH CODES) IS 1838. (IS 1838 does not cover fuel resistance tests as boards are tar-impregnated; Filler Boards are FUEL RESISTANT FILLER BOARDS)

Runways, Bridges, Buildings, Tunnels, Water Retaining Structure, retainer walls etc.

Drawing of Filler Board Application as per IRC 15:2011

MS 275mmx150mmx32mm

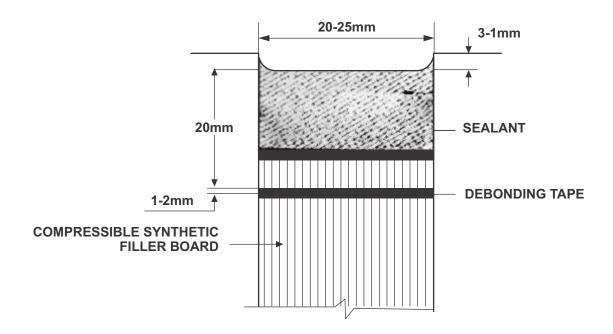
#### **ADVANTAGES:**

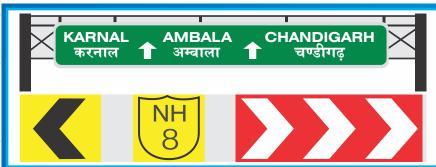
- Fuel / Solvent / Water / Good Weather Resistant.
- · Excellent movement accommodations.
- · Negligible water absorption & long life.

#### **USES**:

As a filler material in expansion joints & movement joints of PQC Road,

#### **Drawing of Filler Board Application as per IRC 15:2011**

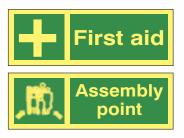






























CYCLE PROHIBITED

RIGHT TURN PROHIBITED









AXLE LOAD LIMIT









































UTURN PROHIBITED

OVERTAKING PROHIBITED



























ALL MOTOR VEHICLES PROHIBITED

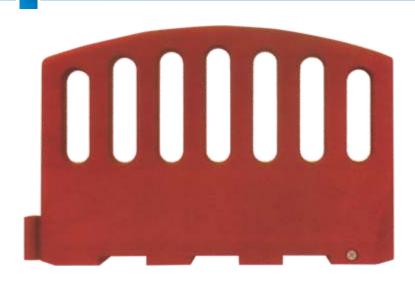
TRUCK VEHICLES PROHIBITED HAND CARD PROHIBITED





HAND CART PROHIBITED





#### **DIMENSIONS**

Length: 1500mm Width: 410mm

Height : 1000mm Water ballast: 50ltr

#### **DIMENSIONS**

Length: 1000mm

Width : 390mm (Front) x 670 mm (Back) Height : 900mm Water ballast: 350ltr

## **DELINATORS**

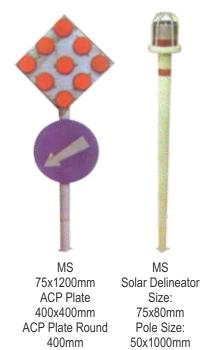
The Delineators are suitable for all kinds of rods. Their reflectors give best reflective performance to show the road geometry during day and night making it convenient for drivers and keep them away from road hazards. These results in avoidance of accidents. The Delineators are available in different fittings for different purposes.

#### **APPLICATIONS:**

- •Dangerous Curves •Central Verge •Traffic Island •Tunnels Island
- Tunnels / Bridges •Road Medians

The Delineators are available in different sizes/fittings for different purposes according to customers requirements





## **WARNING POST / BOLLARD**





Dimensions 350x410 mm

















## WE ALSO DEAL IN FOLLOWING BRANDS







































## **WE'RE HERE TO HELP**



