





Introduction

Kavalani & Sons is **An ISO 9001:2015 certified**, professionally managed organization, committed to offering complete customer satisfaction. We are Bahrain's most innovative supplier of **Industrial**, **Construction**, **Safety**, **HVAC**, **Electrical**, **Plumbing**, **Waterproofing**, **Interior and Marine Equipment** and have been in the market for more than 60 Years.

We offer more than 60,000 products from the world's market leading brands under one roof. We strongly believe in innovation and are constantly on the look out to bring innovative products and solutions to the market.

Our quest to introduce new state-of-the-art technologies and products has led to our diversification across different divisions and product lines. Our customers come to us expecting more than just a product, they look out for solutions.

We are pleased to introduce our **WATERPROOFING PRODUCT CATALOGUE** which brings together all reputed brands with International Standard into one Single Source.

ONE SOURCE, MANY SOLUTIONS



Stoper 02 APP & SBS MEMBRANE 03 COPERNIT **APP & SBS MEMBRANE** 6 04 APP I PVC I EPDM MEMBRANE 05 STAR ACRYLIC I ELASTOMERIC I PU COATING □ - BASF 06 POLYURETHANE FOAM & POLYUREA Amm 07 **EPOXY I PU I LIGHTWEIGHT CHEMICALS** 08 **HEAT INSULATION SYSTEM** 09 **EXPANSION JOINT SYSTEM** 10 exeed PROTECTION & SEPARATION LAYERS 11 Polycraftpuf **MACHINERIES** 12 **MACHINERIES** SEAL 13 INJECTION SYSTEM Experts 14 **TAPES & SEALANTS** SOUDAL 15 **TOOLS & ACCESSORIES ITALPROFILI** CALLONI
ROOFING TORCHES AND EQUIPMENT 16 **TOOLS & ACCESSORIES** Latermix **17** OTHER PRODUCTS Cem Classic











Stoper AS is an investment of Ravago Group Co., the multi-national group of companies at 40 countries through its 200 member companies and 4000 employees worldwide.

Stoper plant, established on a very strategic location offering outstanding transportation benefits, has allowed Ravago Group to combine it's long standing industrial and commercial experience and know how with the strength of being direct supplier of bituminous membranes.

Stoper has an accredited laboratory at its own premises capable of making all tests for bituminous membranes.

Thickness	: 1mm to 6mm
Size	: 1mtr x 10mtr
Туре	: APP,SBS,Self-Adhesive
Finsh	: PE & Mineral(Slate)

Available Colors





SPECIAL PRODUCTS



Self Adhesive Membranes... Easy Applications!



Nice terrace gardens with anti root functionality!



Safer Road & Bridges!





Along with being one of the leading membrane suppliers in Turkey with its many prestigous projects, Stoper AS also enjoys having its products distributed in 40 countries around the world through its reliable business partners.



Thickness : 1mm to 6mm : 1mtr x 10mtr Size

: APP Type

Finsh : PE & Mineral(Slate)



ITALIAN MEMBRANE



The company produces bitumen modified waterproofing membranes, APP, SBS and POE, self-adhesive membranes, heat insulation laminated to waterproofing membranes, bitumen shingles and water-based protective liquids. This wide range of products has over the years successfully been competing in quality and innovation with other producers in European countries.

Products



Traditional App/sbs Membranes Light Weight Membranes Bituminous Shingles Separation Layers

Single Layer Membranes Metal Finish Membranes Thermal Insulations **Protective Paints**



Application

- Flat Roofs
- **Pitched Roofs**
- **Vaulted Roofs**
- **Roof Gardens**



- Roads
- **Bridges**
- **Viaducts**
- **Foundations**



- Tunnels
- Water reservoirs
- Radon barriers
- **Terraces**



EGYPTIAN MEMBRANE





APAO modified membranes are innovative products that combine **APP** the advantages of membranes with those of SBS membranes, This means that the same membrane can have a softening point as high as 155° c coupled with a cold flexibility temperature as low as -30° c.

Thickness	: 3mm,3.5mm & 4mm	
Size	: 1mtr x 10mtr	
Туре	: APP, SBS, APPO	
Finsh	: PE & Mineral(Slate)	



IZOMAR



BITUMODE



HYPERFLEX

SAUDI MEMBRANE











Izomax CLASSIC: App Modified, Plastomeric Bituminous Waterproofing Membrane

IZOMAX VIA: App Modified, Plastomeric Bituminous Waterproofing Membrane

Izomax GOLD: SBS modified, elastomeric bitumen waterproofing membranes

IZOMAX GREEN LAND: Root Resistant Polymer Modified Bitumen Waterproofing Membranes

Polione: App Modified, Plastomeric Bituminous Waterproofing Membrane

PVC MEMBRANE

Features

- 1. No Torch required Safe Application Tools.
- 2. PVC Membrane is an easy apply system using hot air welding for joints.
- 3. Adhesives or primers are not required for installation.
- 4. Self extinguishing material in case of fire.
- 5. It is resistant to high temperature fluctuations.
- 6. Minimum slope is sufficient.
- 7. PVC membrane remains flexible throughout its life span.



POLARIS, international

Bituminous SHINGLE

Flexible bituminous roofing shingle with, high bitumen content, glass fiber carrier and ceramized coloured granules finishing.





Advantage of EPDM Membrane

- **Long-lasting performance**
- **Flexibility**
- **Outstanding weathering characteristics**
- Unmatched resistance to ozone. **UV** radiation and cold cracking
- **Dimensionally stable**
- **Limited environmental impact**
- Low life-cycle cost





Origin: Made in UAE







Star Adhesives & Resin Inc. factory was established in 2000 and is one of the leading manufactures of a versatile range of technical advanced water based and solvent based products. Our products are widely acclaimed in the various kinds of industries apart from the construction industry through out the GCC and other neighbouring countries. We seek to be recognized as a world class manufacturer, providing its product and service thorough a dynamic working environment that attract and retain the finest talent and expertise.



STAROOF 602

HIGH PERFORMANCE COLD APPLIED SINGLE COMPONENT WATERPROOFING MEMBRANE.



STAROOF 800

SPECIAL SYNTHETIC RESIN BASED ELASTOMERIC WATERPROOF COATING.

Application

Suitable for waterproofing and protection for wet areas, kitchens, substructures, shaded or tiled roofs, polyurethane foam slab, polyester built up roofs Vapor barrier coating for walls and floor. Maintenance of existing roofs, masonry and concrete walls.

Application

Suitable for the waterproofing and protection of different kinds of spray applied polyurethane foam insulation, Waterproofing for roofs ranging from asphalt, asbestos cement, to concrete and terrazzo tiles, Recommended for both horizontal and inclined structure, Water proofing membrane for Flat Roofing Systems (Traditional and Inversed)



STAROOF 900

HIGH UV RESISTANT PRODUCT FOR EXTERNAL WATER PROOFING.



STAROOF 603

A SPECIAL ACRYLIC POLYMER RESINS AND ADDITIVES WITH EXCELLENT UV RESISTANCE.

Application

Star Proof HR900 is a single component, High solar reflectance keeps roofs cooler in high hot weather conditions as protective coating for thermal shocks. Tough and seamless membrane resists many harsh chemicals and bridges airline cracks. UV protection & display excellant dirt pick-up resistance and retain their flexibility long after aging.

Application

It is used for concrete roofs, polyester built up roofs, masonry, concrete walls, reflective and protective waterproof coating to concrete, asphalt and bitumen, asbestos cement, slates and tiles, zinc, timber surfaces, etc.







Origin: Made in Greece

Products

- Ktisopour
- Ktisepox Hydro PR
- Ktisopour G Epoxy Grout
- All types of Epoxy Coating are Available



Car Park Solution



Transparent Solution





Origin: Made in UAE

Lightweight Screed

High concentration formulation

30% saving of liquid cost against old formulators.

Bubble consistency to get uniform mix

Only 1 liter of SP 20 is enough to achieve

1 CBM of L.W.C. for densities varying between 400 and 500 kg/m3 Formulated for hot weathers



WFP Crystal Slurry

WFP Crystal Slurry is a reactive, powdered, crystalline, rigid sealing slurry based on cement and special additives. WFP Crystal Slurry

penetrates deep into the substrate and claws onto the substrate to achieve a very good bonding to the surface.







Single component (Cold applied) Double component (Cold applied) Hot Spray Applied **ALIPHATIC Top Coats** Multilayer Systems













EFOAM

Origin: Made in UAE Thickness: 25mm to 100mm Size: 1250mm x 600mm

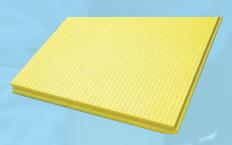
Extruded Polystyrene Board



STAYROMAX

Origin: Made in KSA Thickness: 10mm to 100mm Size: 2400mm x 1200mm

Expanded Polystyrene Board

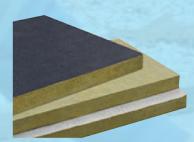


FABCO



Origin: Made in Saudi Arabia Thickness: 30mm to 100mm Density: 40 to 43kg/m3 Size: 2500mm x 600mm

PU YELLOW BOARD

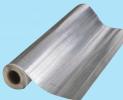




ROCKWOOL

Origin: Made in Saudi Arabia Thickness: 25mm to 100mm Density: 35-200kg/m3 Size: 1200mm x 600mm

ROCKWOOL INSULATION



COPERNIT

Origin: Made in ITALY Thickness: 0.5 mm to 4 mm Size: 1mtr x 10 mtr

Aluminum Membrane Sheets



SOLARCOAT

Origin: Made in TURKEY Colour: White Packaging: 20 Kg

Liquid Applied Membrane



High U V resistant WHITE MEMBRANE



Insulation Fastners

ITALPROFILI

Origin: Made in ITALY Size: 40mm to 120mm Plastic & Steal Nails



SOUDAL

Origin: Made in BELGIUM Colour : White

Packaging: 1Kg /5Kg /15 Kg

Polystyrene Adhesive



Origin: Made in Germany

















EXPANSION JOINT FILLER BOARDS



BACKUP RODS FOR EXPANSION AREA









EXPANSION JOINT FILLER & SEALANT



Waterstop Joints



Multibond



Acryrub

Hammerl Origin: Made in Germany





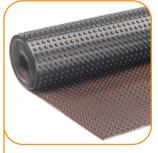
VAPOR BARRIER

Vapor barrier film with flame retardant according to building material Class-E for windproofing of full-frame rafters.



PE CONSTRUCTION FILM TRANSPARENT

Construction and cover foils made of PE-nature. Not UV stabilized.



TWO-LAYER DIMPLED MAT.

Made of polyethylene, high density, groundwater safe. Use in the foundation wall protection.



PIMPLE MAT WITH DRAINAGE FLEECE

Protects the foundation wall seal against damage and ensures safe drainage of the groundwater.

BITUMEX



BITUMEN PROTECTION SHEET

Origin: Made in TURKEY Thickness: 3mm, 4mm & 6mm Size: 1000mm x 2000mm

Colour: Black



WFP PRE-TEC MEMBRANE PLUS

Origin: Made in GERMANY Thickness: 1mm, 1.5mm & 2mm

Size: 1mtr x 20mtr Colour: Yellow





PROTECTION SHEET

Origin: Made in LEBANON Thickness: 2.2, 3, 4, 5, 6mm Size: 1000mm x 2000mm

Colour: Blue



Exeed branded products have been at the forefront of the Geosynthetics industry. Continuous innovation has led to manufacture of superior products and made Exeed synonymous with highest standards of quality and performance.

With many years of experience in the Geosynthetics market, Exeed provides value engineered solutions for highways, coastal, railways, landfill, mines, tunnels, waterways, flood defence, landscapes and other sectors.

Exeed remains committed since the beginning to the development of innovative and cost effective Geosynthetics solutions. The company intended to lead the market in the design and manufacture of Geosynthetics and continue provide ground breaking solutions.

Exeed with manufacturing facility in UAE, is made available through a global distribution network. We have Distributors in all GCC.

Apart from supplying quality geotextile, EXEED can also supply High quality Bi-Axial and Uni-Axial Geogrids for pavement engineering, Gabion Boxes and soil reinforcement.









Origin: Made in Spain



Origin: Made in USA



EASY SPRAY HYDRAULIC HYDRAULIC PROPORTIONING UNIT

Easy Spray Hydraulic, of an advanced and compact design, is an easy-to-use, portable hydraulic unit. Its unique configuration the product tanks are placed on a chassis with wheels provides easy access to all types of working areas as well as a switch that allows an easy operation with no need of qualified personnel and a saving of time during the set up and application.



REACTOR A-25

The Reactor A-25 is a Graco-engineered spray foam proportioner that gives you the reliability you expect on the jobsite. It maintains consistent temperature control, even when you're spraying at maximum flow rates - resulting in better quality foam.





PU HD-20/35 **HYDRAULIC PROPORTIONING UNIT**

Strong Performance in a reliable system. The HD-20/35 provides high output with smooth operation and low pulsation.

Foam systems are optimized toward higher output with pressures up to 2000 psi. Some coatings can be sprayed through these systems.



HF-1600

A great system for insulation contractor. The lightweight, compact design of the Hydraulic HF-1600 allows for simple mobility around your plant or jobsite.



Origin: Made in Germany



Origin: Made in Lebanon



EDAMA - ROOFMASTER



AERCEL MACHINE





ROTOR

STATOR



Origin: Made in UAE

LIGHTWEIGHT FOAM (MODEL: DE-H



- 01 Mixture tank capacity-1.35 cubic meter
- 02 Mixture gear RPM 47, mixture motor RPM 1450 HP 5.5
- 03 Chemical tank 2 nos. capacity 150* 2 liters
- 04 Stock tank capacity 50 liters
- 05 Air compressor motor RPM 2800 HP 5.5
- 06 Delivery pump motor RPM 1460 HP 20
- Delivery pump with transmission shaft, stator (type-80 mm),rotor (type-80 mm)
- 08 Hugger motor RPM 1450 HP 4
- 09 Water tank Capacity 250 Liters
- 10 Electric panel board
- 11 Chassis with 4" rectangle tube, chasis length 4.5 meters & width 2 meters, complete machine weight 3.2 ton.

LIGHTWEIGHT FOAM (MODEL: DE-L'



- 01 Mixture tank capacity 0.60 cubic meter
- 02 Mixture gear RPM 47, mixture motor RPM 1450 HP 5.5
- 03 Chemical tank 2 nos. capacity 150*2 liters
- 04 Stock tank capacity 50 liters
- 05 Air compressor motor RPM 2800 HP 4
- 06 Delivery pump motor RPM 1460 HP 15
- Delivery pump with transmission shaft , stator(type 65.5mm),rotor (type 65.5mm)
- 08 Hugger motor RPM 1450 HP4
- 09 Water tank Capacity 250 Liters
- 10 Electric panel board
- 11 Chassis with 4" rectangle tube, chasis length 3 meters & width 1.8 meters, complete machine weight 1.8 ton.

LIGHTWEIGHT FOAM MACHINE

A complete mobile unit for mixing, pumping and conveying foam concrete from ground level to the floor or terrace level. The mixing of the suitable materials inside this unit, allows an expansion of foam-concrete up to 5 times of its original volume and its specific weight is thus reduced. It is therefore ideal for thermal or acoustic insulation of floors. The equipment carries a twin diaphragm pump for pumping the water-foam additive solution, a wider reservoir containing water, the supply hopper feeding the piston pump with cement grout and the mixer-cylinder unit complete with gauges and control valves for production of foam concrete.



MPP Origin: Made in Germany









INJECTION HOSE ECO

INJECT 1

INJECTION PACKER

HAND PUMP

(other lengths on demand) Diameter 12 mm

1,1 kg (comp. A 1 kg +comp. B 0,1 kg) Article number W060101 11 kg (comp. A 10 kg + comp. B 1 kg)

WFP Injection Packers are made of steel with a ball head nipple for injection with high pressure.

WFP Hand Pump is an injection device for application of WFP injection resins.



HOLDING GRID INJECTION HOSE

WFP Holding Grid Injection Hose is a metal mesh with a special mesh size, so that the penetration



PLASTIC CONNECTOR FOR INJECTION HOSE

WFP Plastic Connector For Injection Hose is a 68 mm screwable connector with a 3 mm open passage.



WFP GRIP HEAD



INJECTION SPIDER DUO

WFP Grip Head is a connector with four jaws to WFP Injection Packers.

It consist on a metal frame for fixing to the reinforcement steel. WFP Special Shutter Connector (red/white) can be easily mounted to the metal frame.

perts Origin: Made in India

Seal Experts offers products for repairing, leaking cracks in concrete bridge walls, decks, tanks, and foundations. Using epoxy and urethane methods are offered using high pressure injection pumps or dual manual injection guns. State of the art urethane grouts and epoxies are available. We specialize in the manufacturing of materials and equipment for all kinds of basement water issues including basement leaks, concrete crack injection, foundation repairs.





WFP JOINT TAPE TPE 1

Length: 20 Mtr Thickness: 1 mm

Roll width: 150 mm,200mm,250mm,

300mm, 350mm, 400mm



WFP BETONITE WATER STOP TAPE

Length: 5 Mtr Width: 25 mm Height: 20 mm



WFP SWELLING RUBBER PROFILE

Length: 5 Mtr

Dimensions: round Ø 15 mm

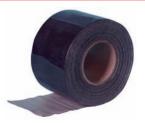
round Ø 23 mm rectangle : 18 x 7 mm rectangle : 23 x 15 mm

DOUBLESTICK DOUBLE SIDED TAPE



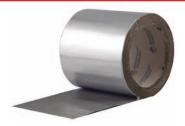
DoubleStick is pure an advanced MicroSealantTM with a removable siliconized release liner on each side. Designed to bond two surfaces, even two surfaces made of two or more dissimilar materials. DoubleStick creates a tight, permanent, waterproof seal. DoubleStick remains flexible to temperatures as low as -56°C making it virtually impossible to thermally shock the seal causing a leak.

ROOFSEAL REPAIR AND SEALING TAPE



virtually use on all RoofSeal/OneStep features a UV stable backing that is available in Black, Gray, Tan and White. With the exception of surface prep, RoofSeal/One-Step is a one-step permanent repair system for virtually all roof types, and roof accessories. RoofSeal/OneStep creates a waterproof, moisture, and air tight barrier with no additional sealing required. RoofSeal/OneStep remains flexible to temperatures as low as -56°C making it virtually impossible to thermally shock the seam causing a leak.

ALUMIBOND ALUMINIUM REPAIR AND SEALING TAPE



For use on virtually all roofs, walls, floors, gravity tanks, troughs, etc. UV stable and moisture tight, AlumiBond creates an air and vapor barrier. The thick 4 mil aluminum backing combined with an advanced MicroSealantTM creates a hard surface. AlumiBond bonds to a wide range of materials including carbon steel, aluminum, galvanized steel, aluminum foil, gypsum board, wood, rubber, tar, polyethylene, polypropylene, polystyrene, fiberglass, brick, concrete, masonry, rubber, thermoplastics, singleply roofing, etc.

SOUDAL SEALANT



BITUMINOUS SEALANT



ACRYLIC SEALANT



POLYMERIC SEALANT



POLYSULFIDE SEALANT



POLYURETHANE SEALANT



HYBRID POLYMER





























TRAMEX RWS ROOF & WALL INSPECTION KIT

Waterproofing Catalogue





ROOFING PROPANE GAS TORCH – KIT



ROOFING GAS TORCH ECOGAS



EQUIPMENTS FOR WATERPROOFING



SPARE PARTS





RUBBER FLEXIBLE **HOSES**



APZ GAS REGULATOR



TROWELS



ROLLERS



COVERALL



DEWALT SHOES



3M HARD HELMETS HALF FACE MASK













GRAY & GREEN MINERAL



DECORATIVE PEBBLE



BASE FOR ROOF SLAB



ROOF SLAB



CROSSGRIP (ROOF)



BITUMEN - ALUMINIUM REFLECTIVE PAINT



DECORATIVE PAINT FOR BITUMEN MEMBRANE



WATER BASED PRIMER

Latermix Cem Classic Origin: Made in Italy



QUICK-DRYING LIGHTWEIGHT INSULATING PERMEABLE CONCRETE

TECHNICAL CHARACTERISTICS

Apparent packed density (approx.)	500 kg/m ³		
In-place density (approx.)	600 kg/m ³		
Certified average compressive strength	2,5 N/mm² (25 kg/cm²)		
Certified thermal conductivity λ	Q134 W/mK		
Drying times (3% RH)	7 days (th. 5 cm)		
Suggested thicknesses	≥5cm		
Bags required per 1 m ² of floor area	Q21 bags per 10mm depth		
Package: bags each of 50litres on non-returnable wooden pallets, 60bags/pallet - 3,0m³/pallet,			
Storage life: 12 months from date of packaging.			

TIZOTEX* MAXI 250 WATERPROOFING MEMBRANE

Origin: Made in Italy



PRODUCT DESCRIPTION

IZOTEX MAXI 250 is flexible waterproofing membrane made of PP/PE/PP layers.

It is used for waterproofing and damp-proofing under ceramic tiles in bathrooms.

ADVANTAGES



%100 Waterproof

IZOTEX MAXI 250 is %100 waterproof and high water pressure resistant.



Easy to Apply

IZOTEX MAXI 250 does not require any special equipment, products or even expertise to be applied. It can be cut using a sturdy craft knife or carpet scissors. It is applied by using C2 class tile adhesive.



Time-saving

IZOTEX MAXI 250 is applied just one layer, does not need several layers to be applied .



IZOTEX MAXI 250 is a flexible material that allows ease of application at hard workable corners , floor and wall joints , tight angles.



Moisture Reterdant

Thanks to its damp proof structure, it protects surfaces, where it is applied, from harmful effects caused by humidity and damp.



Ease of Bonding

Thanks to it's fibrous texture, IZOTEX MAXI 250 has strong mechanical bonding to the adhesive and surface. Heat or other toxic elements are not used for bonding.



Light weighted

IZOTEX MAXI 250 is a lightweighted waterproofing membrane which allows easy to handle and apply.



Easy to transport and carry

IZOTEX MAXI 250 is packed in rolls that is easy to

Kavalani & Sons HIDD



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