



Dolphin Enterprise

Water proofing Specialists



ABOUT US

Dolphin Enterprise a 10 year Sports Infrastructure Company was started by hardcore professionals with diversified experiences & expertise in the construction Industry. The team has hands on experience and brings home to their clients, the value added services by understanding client requirements and providing a customized solution for the same. The company provides best certified products and transform any facility to International standardized levels

We specialize in providing protection from water ingress to both new construction and repairs/restorations. Occupied and fully operational job sites are never a problem. And we can also plan, manage, and build multi-phase jobs.

OUR PRODUCTS

EPDM Pond Liners

Oxidated Waterproofing Membranes

Coal Tar based Pipe Coating Tapes

Primer & PU coating

Polymeric Waterproofing membranes

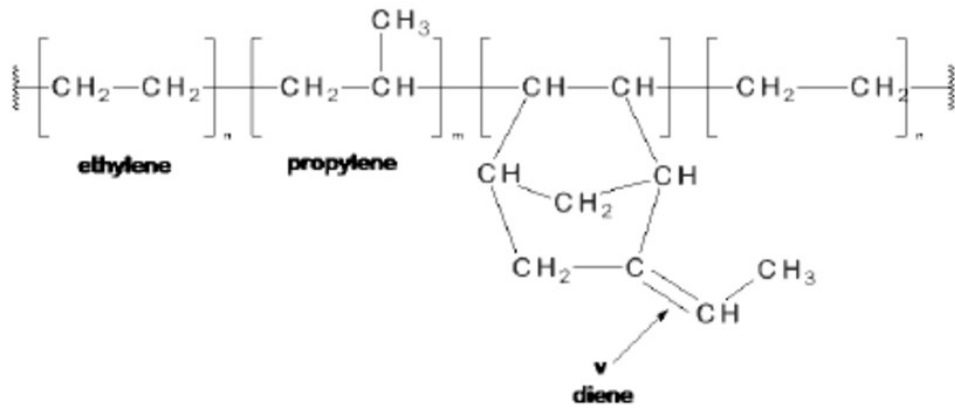
Bitumen based Pipe Coating Tapes

APP Membranes & SBS

What are EPDM Pond Liners/Membranes?

The EPDM pond liners & membranes is a high quality waterproof liner manufactured from synthetic EPDM rubber.

It is a highly saturated polymer, with no reactive bonds available.



Highly weather resistant-Long service life (>30 years)

- Waterproof Resists
- Snow
- UV Resistant



What makes EPDM Pond Liners/Membranes durable?

➤ Composition of EPDM Pond Liners

- Carbon Black - Improves physical properties and UV resistance
- Curing Agent - Facilitates cross linking of polymers and makes them flexible
- Processing Oils - Enhances process-ability and flexibility.
- EPDM Polymer - Basic physical properties.
- Filler - Dimensional Stability.

➤ Characteristics and Advantages of EPDM Pond Liners /Membranes

- Superior physical properties
- Highly weather resistant
- UV and ozone resistant.
- Ease of installation
- No flames or torches required.
- No welding required.
- Easy to repair in case of physical damage.



Comparison

Plastic Liners (PVC/HDPE/LDPE, etc)

Semi-crystalline nature causes premature cracking, especially at the seams.

Elongation is generally in range of 15%. Prone to crack during structural movements.

Not naturally UV stable.

Limited applications generally not chemical resistant.

Overlaps done by tedious process of welding.
Repair of puncture is difficult.

May or may not be aquatic friendly

Manufacturers warranty: 5 years (max).
Expected Life: 5 years (max)
High life cycle cost.

EPDM Pond Liners

EPDM is a saturated polymer.
Does not crack or age.

Have an elongation of minimum 300%.
Does not crack under stress.

Naturally **UV stable.**

Chemically resistant. Can be used in waste pits, bio-pits, canals, etc.
Overlaps by adhesives or tapes.
Repair of puncture is easy & DIY.

Generally are **aquatic friendly**

Manufacturers warranty: 15 years (max).
Expected Life: 30 years (min)
Low life cycle cost

POLYMERIC WATERPROOFING MEMBRANES

From a solid and brittle material at room temperature the modification process transforms Bitumen to a waxy semi-solid, which makes it ideal for waterproofing.



OXIDATED WATERPROOFING MEMBRANES

App membrane used for positive waterproofing . Mainly for roof waterproofing. Now being used for basement waterproofing.



BITUMEN BASED PIPE COATING TAPES

Bitumen Enamel is a well-proven pipe coating material which has a good track record. The majority of oil and gas pipelines are using the Bitumen based pipe coating system.



COAL TAR BASED PIPE COATING TAPES

Protective coatings are crucial in these applications, and must be applied according to the highest standards.



APP MEMBRANES & SBS

A special waterproofing material that is manufactured from Bitumen. With proper workmanship, the APP membrane is a very efficient and durable waterproofing material used in most constructions.



PRIMER & PU COATING

A polyurethane coating is a polyurethane layer applied to the surface of a substrate for the purpose of protecting it. These coatings help protect substrates from various types of defects .



DOLPHIN SELF ADHESIVE FLASHING TAPE / STRIP

Multipurpose Self Adhesive Flashing tape.
Roll length : 10 Meters.
Available width : 2", 4" & 6".



Applied by "Peel & Stick" Method by peeling off the release paper and pressing membrane against substrate to develop strong bond.

Areas of Application:

Sealing of cracks & leakages in GI/AC sheets.

Factory sheds.

Tank leakages.

Sealing windows & Doors.



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