



Ultra Rubber Seal

INTRODUCTION

Ultra Rubber Seal is a unique product that has a successful track record in the North American market for over 20 years, where the extremes of temperature are much more challenging than in the UK. Now introducing this technology In Asia and Middle East

Ultra Rubber Seal provides an easy to apply seamless waterproof membrane that meets the ever increasing requirements of environmental, health and safety considerations in the industrial, commercial and residential water proofing

Due to its safe nature Non toxic no solvent it was successfully used in water reservoir, fish ponds and water tanks in all over North America.

There are unlimited uses for this innovative coating technology"

This product has unique results on under ground coating such as foundations and basements which is 100% attacked by underground salty water. It provides excellent waterproofing for precast roofs, shell roofs and all type of big cementitious and metal surfaces having structural movement. This product is also best replacement of Geo Membrane and has advantage of excellent adhesion to substrate without joints. it has been proved as a perfect seamless membrane for canal lining, Dames, Power projects and large water retaining structures.

Preventive maintenance.

You can also prevent your new roofs (cement or metal) with thin layer of Ultra rubber seal and extend the life of your new costly roof for at least 5 years. It will prevent your roof with weathering and ultra violet rays especially with rain which contains salty and acidy water from atmosphere
Ultra Rubber Seal can be brush & roller applied, or for larger projects Ultra Rubber Seal's "Instant Set" system can be spray applied providing coverage of up to 1000 square meters in a single day, instantly waterproofed. Ultra rubber seal requires no primers or fleeces making it up to 5 times faster to apply versus some other systems. As a cold applied it sets as a single fully-bonded membrane with no joints or seams.

- **Key Benefit**
- Seamless Waterproofing with excellent adhesion.
- Fully Bonded.
- Brush & Roller/Spray Applied.
- No Flames.
- Rust Prevention.
- Long term UV resistance.
- Seamless and a resilient membrane.
- Low temperature flexibility.
- Salt, acid and chemical resistant.

No VOC's, non-flammable, low odor

Unlike other conventional waterproofing or protective coatings, the application benefits reduce labor costs and increase worker safety.

- No open flame or hot liquid to apply
- No toxic and flammable solvents
- No seams to seal or adhesives to apply

Technical Specifications

- Specific Gravity = Approx 1.0 to 1.03
- Volatile organics = Contains no solvents
- % solids (wt) (Liquid) = 58 60%
- Viscosity cP = 4000 to 8000 cP
- Physical Properties (membrane)
- Chemical resistance = Resists salt water and many organic and inorganic
- Solar Reflective Index (SRI) = 106
- Water tightness = Pass
- Tensile strength = 850 psi
- Elongation = 800%
- Hardness Durometer Shore A = 65 67
- Adhesion to concrete = 450 psi (After curing)
- Adhesion to metal = 100 % (After curing)
- Thermal resistance = 0.028
- Abrasion Resistance = Good

Drying time

At 25 °C and 50% relative humidity, Ultra rubber seal fully cures in 24 to 72 hours. Curing time increase with decreases in temperature and Increases in humidity.

On foot traffic area please put a thin layer of fine sand to protect your membrane and avoid tackiness in hot weather. It may be applied in thickness 1mm, 2mm; 3mm & 4mm as per requirement of customer.

Limitations

- Do not apply to dirty or contaminated surfaces
- Do not apply below 5 °C
- Avoid contact with solvents and solvent type Adhesives
- Do not apply over coal tar
- Do not apply in rain or expecting rain in 24 hours

Spray System

After a long research HVLP pump and machine was designed to work with this material and it was designed in North America. It has dual nozzle function one nozzle spray bitumen emulsion and second one spray breaking agent both work together and give you instant set membrane according to your requirement. This system can be spray applied providing coverage of up to 1000 square meters in a single day. Ultimately save your labor cost up to 75%.

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants



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ISO 9001 : 2008