

DURAmembrane

High performance waterproofing membrane from Supreme

Supreme Industries, which has been providing durable, cost-effective and environment-friendly products for the construction industry across the country for over 60 years, offers 'DURA' range of civil products that truly represents the word 'durable.'

All the products manufactured by the company have been developed after strenuous interactions with experts in the field, studying current requirements and emerging trends to cater to the fast changing demand scenario of the new generation in the sector.

Supreme Industries always strives to offer products that are best suited to the clients' requirement like its latest offering 'DURAmembrane'.

The company manufactures products in the most environment-friendly manner and constantly upgrades the products to meet current challenges to recommend best solutions, always. All its products help in reducing consumption of available resources thereby helping the environmental cause.

Versatile material

Among its various innovative products, the Supreme Industries has added DURAmembrane, a new offering in the portfolio of competent and 'DURABLE' products for the Construction Accessories Division. DURAmembrane is a new generation, cost effective solution for waterproofing of basements and roofs. It is a versatile material, capable of retaining the dryness

wood structures. It is also resistant to salts, alkalis and various types of acids. In fact, the product is a high performance, composite polymeric membrane offering a quick and easy-to-apply system, ensuring hassle-free maximum productivity.

The company launched the new product as there was a continuous demand from innumerable satisfied customers to develop waterproofing solutions to solve the leakage problems in their factories and offices.

They were not satisfied with the current waterproofing systems available in the market after which the company's research and development team started working full-fledged on the project to develop a composite of various polymers cross linked and fused resulting

in this exclusive high performance membrane.

The most striking advantage of the product is that it can be used in new constructions and also at the time of repairing old structures. The Supreme Industries, which is the only manufacturer of this type of waterproofing membrane in India, has planned to use DURAmembrane for applications, including concrete roof waterproofing, basement waterproofing, waterproofing of bathrooms, and terrace gardens.

Outstanding features

DURAmembrane is a high performance composite polymeric membrane, which is durable, lightweight, non-deteriorating, punctures resistant, is available in length stretching up-to 50 meters. It is now crystal clear that bitumen

disintegrates after contact with water and also catches fungi after which it starts melting during summer due to lessening of its puncture resistant strength.

In contrast, DURAmembrane has a very good puncture resistance of 199 N (Test method - ASTM E154: 1999) and because it is polymer-based it won't deteriorate. That apart, none of the waterproofing solution systems provide any added advantage except waterproofing, whereas DURAmembrane is not only 100 per cent waterproof but also an excellent insulating material.

Other treatments have a tendency to absorb moisture and conduct heat but DURAmembrane does not absorb water at all. Its 'K' value does not deteriorate because its inherent closed cell structure ensures truly effective thermal insulation and waterproofing for a lifetime.

Benefit for industry

Shortly after the onset of monsoons, problems like leakage and seepage in roofs, walls, basements,

bathrooms both in commercial and residential buildings including factories are a common feature. After every shower of rain, structures tend to expose their limitations and flaws in the monsoon rains.

The wet season reveals defects that are not normally observed during sunny days.

To avoid huge losses to buildings and other structures, people increasingly pay attention to leakage-related problems prior to the next rains. As it is being the first of its kind concrete roof and basement waterproofing product, especially designed to withstand the hot and humid Indian conditions, DURAmembrane is a perfect blend to solve problems and avoid huge losses arising out of leakages to both individuals and contractors.

The entire construction industry in India will benefit because of the fact that the product will not only help them to overcome complex challenges, but also enhance their productivity and durability.

