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WATERPROOFING SYSTEMS



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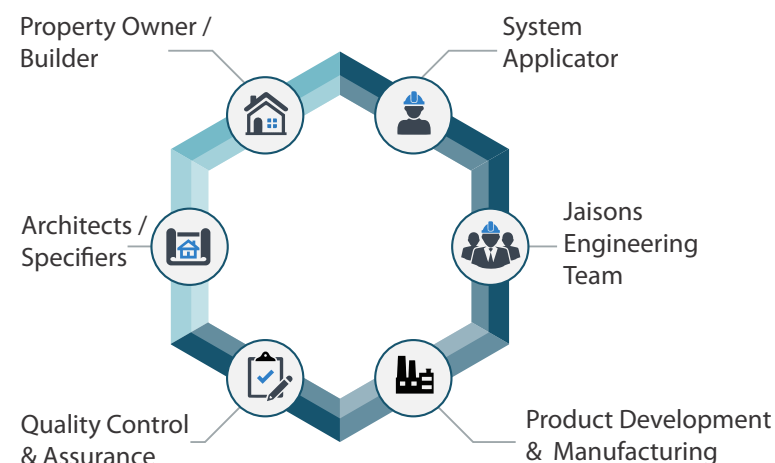
Waterproofing Systems

3 decades of proven performance !

Jaisons has been at the forefront of waterproofing technology since the last 3 decades –leak-proofing millions of square meters and many of the most critical details where everything else has failed! With a unique combination of waterproofing products based on different material technologies, sound knowledge of system specifications and fool-proof workmanship through our network of trained applicators, Jaisons Construction Solutions provides an end-to-end, hassle-free assured water-proofing performance.

We Develop and Manufacture Premium Water- Proofing Systems	✓	Product Quality
Engineering team provides technical support at every stage of Project	✓	Correct system specs
Our systems are exclusively installed by a Network of trained applicators	✓	Good Workmanship
ASSURED WATERPROOFING PERFORMANCE		

We strongly believe in team-work, as no water-proofing can succeed in isolation! Our product development team, site engineering and system design teams closely interact with the property builders, architects, consultants and our system applicators so that all stakeholders' requirements are met with. All Jaisons's projects involve a external quality assurance partner at site to ensure assured water-proofing performance.



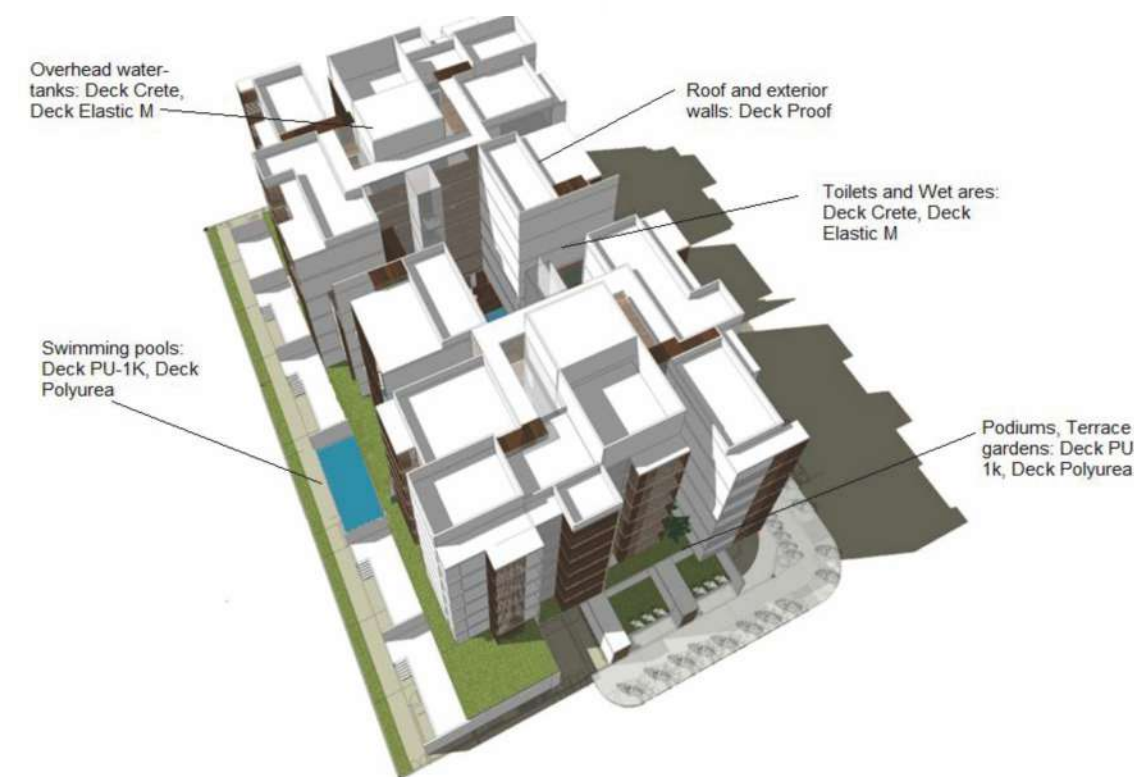
The long track record of success in water-proofing is a result of our heavy focus on quality in everything we do!

- Product development and Manufacturing : **ISO 9001:2008**
- Product performance and quality tested and certified at : **IIT Bombay | Bureau Veritas- Civil Aid
Nirma University | Durocrete**
- On-site application and workmanship : **Third-party quality assurance agencies**

Overview of Water-proofing systems

Product	Technology	Benefits	Areas of use
Deck Crete™	Crystalline penetration	Very high bonding- becomes integral part of the substrate	Wet area, basement walls, water tanks
Deck Proof™	High-build acrylic membrane	Flexible, Crack-bridging, Solar reflective, Excellent bonding to concrete	Roofs and exterior walls
Deck Elastic M™	Cementitious elastomeric membrane	Polymer modified, Cementitious elastomeric, Offers adequate abrasion resistance, bonding to cementitious screeds and plasters- can be used as a sandwich membrane	Swimming pools, wet areas, toilets, water tanks
Deck PU-1K™	Single component polyurethane membrane	Excellent root resistance, UV resistant, Fire resistant- flying sparks and radiating heat	Terraces, swimming pools, podiums
Deck Polyurea™	Brush applied hybrid polyurea membrane	Excellent tensile strength, Excellent bonding, high tear strength	Podiums, pipe-sealing, expansion joints

The 5 products cover virtually all important water-proofing technologies and can be used to water-proof all the areas and critical details of any structure!



The above representation is for illustration. Please refer to the product TDS, application methodology, and Jaisons's system specs manual before use.



DECK CRETE™

Crystalline penetration & surface sealing system

Deckcrete is a single component brush applied coating system on solid concrete substrate, brickwork and cement bound surfaces. The system works on the principle of waterproofing by crystallization and becomes an integral part of the substrate on which it is applied. Deck crete works in presence of moisture and the crystallization process continues to seal and reseal capillaries in the core of concrete.

Deck crete is a highly cost-effective system with a wide range of applications for concrete & brick masonry structures and is most suitable for underground structures viz retaining walls, basements, water tanks, floor underlays that are prone to dampness and attacks from moss & fungii. It is best suitable for terraces as undercoats followed by screeds, plasters or coba.



DECK PROOF™

High build, flexible acrylic membrane system

DECK PROOF is highly flexible waterproofing membrane having a high degree of crack bridging property and is user-friendly. Deck Proof is a liquid applied system reinforced with a highly-saturant 100GSM Polyester based non-woven fabric which will not allow the core cracks (if any) to propagate to the surface due to the elasticity of the system, thus resisting water penetration even with cracked base.

The system is recommended for sloping roofs, flat roofs and exterior walls.

Deck Proof is also available as a Heat Reflective coating which simultaneously addresses the water-proofing and heat insulation requirements of the roof.



DECK ELASTIC M™

Cementitious Elastomeric Membrane system

DECK ELASTIC-M is a two component cementitious membrane system reinforced with a fiberglass net.

Mixing of the liquid and powder component in prescribed formulation produces free flow mix which can be applied easily and evenly. The complete cured membrane exhibits flexibility under various atmospheric conditions and remains intact on chemical attack of Chlorides, sulphates and carbon dioxides. DECK ELASTIC-M has excellent bonding strength with cement concrete, masonry, natural stone surfaces.

DeckElastic M is a rugged, economical system most suited for wet areas, terraces, water tanks.



DECK PU -1 K™

Single component, moisture cure polyurethane system

Deck PU-1K is a single component, moisture cure polyurethane membrane, reinforced with a non-woven polyester fleece. Deck PU-1K is a UV-stable system with high tensile strength and elongation; it is also root resistant which makes it best suited for podiums and terrace gardens.

One of the easiest systems to apply- the Deck PU-1K system eliminates the need of mixing components at site and increases productivity.

DECK POLYUREA FFP™

Brush applied, hybrid polyurea membrane system

Deck Polyurea FFP is a two component liquid applied hybrid polyurea waterproofing system. The unique proprietary chemistry of Deck Polyurea FFP makes the product suitable for brush/ roller application unlike widely known polyurea modified coating which require special dispensing machine for application. Fully cured Deck Polyurea FFP membrane has excellent stability against water, acid, base and common solvents. Excellent mechanical properties and crack bridging ability of Deck Polyurea FFP ensures durable and resilient waterproofing membrane.

The high toughness and resilience of the polyurea system make it the best choice for critical detailing like expansions joints, pipe sealing and larger areas like podiums and swimming pools.



These 5 product systems can be combined and applied to water-proof the most complex and critical details

