

Waterproofing has been the Achilles heel of the construction industry for long. Ingress of moisture which sometimes starts as an innocuous damp patch, can rapidly grow into dangerous proportions and might even diminish the lifespan of the structure by affecting the various components of the structure, be it in buildings or in infrastructure sector. In addition to manifesting as unsightly patches, dampness can affect the health of occupants in a building.

Having experienced varied situations of water ingress, engineers have realised that there is no “one size fits all” solution. This has led to plethora of solutions being offered by various manufacturers and agencies providing waterproofing solutions. The end user is at a loss as to what material, method/system of waterproofing is ideal for the given situation.

Attempt is made here to compile all the essential information in a lucid and comprehensive manner so that the specifiers, end users and applicators get the basic knowledge from the experts in this field. A team of field engineers, scientists, academicians, solution providers have collaborated to simplify an involved subject for easy understanding.