

Honesty is the best policy

Waterproofingwale.com

Waterproofing & Painting Solutions

Back Ground:-

Most of the time, problem of Leakage and seepage is not diagnosed properly or not attended by the skilled people . Even our engineers working in the construction Industry are not able to find out a permanent solution which is sustainable , I realized this while working with M/s Pidilite Industries Ltd (Dr Fixit) as Chief (S&M) .

This industry is full of masons / contractors having partial knowledge of the subject .

Since it is a neglected area , our working professionals also Not aware of the good products & the perfect waterproofing system, that is why ? the maximum advantage is being taken by the so called contractors who are acting as waterproofing experts without even knowing the basic concepts.

They are promoting basic products after seeing the ads and to the best of their ability. These products are basically admixed with the cement, giving the impression of chemical waterproofing and help the masons to maximize their profits by taking the advantage of ignorance of the customers .

This practice is rampant at the retail consumer level where various masons/Contractors started using the word chemical waterproofing which is nothing but adding the polymer Pouch (So called medicine) in the cement and use it as chemical waterproofing system .

It is costing them Rs 6 to 8 per sqft Plus labour for which you are charged Rs 40 to 60 / sqft .

This whole process does not give 100% waterproofing but still people are forced to use it as a chemical waterproofing system due to ignorance and Knowledge Gap.

Since thousands of contractors have done this exercise with millions of customers , hence due to failures and continuous problem of leakages , project Clients have lost the confidence and started calling manufacturers to give Guarantee in a tri party format.

Currently you will observe that in most of the big projects clients have started asking 10 years guarantee from the manufacturers of the products or they choose some big company to handle waterproofing job and pay min 10% extra .

Many a times contractors are successful in making complicated specification and items with peculiar properties to use a particular brand of a specific company . Since clients do'nt not understand the whole system hence end up paying extra for actually the cheaper option.

There is a complete disconnect between the user and the various service providers in the value chain for the optimal solution, related to the waterproofing system.

Hence this model is borne to provide services with complete detailing .

Introduction

It is important to note that neither manufacturer of the products nor developers provide 10 Years Guarantee but it is provided by the waterproofing contractor . It is observed that 10 years Warranty / Guarantee provided by the contractors play a very important role in decision making process.

Department Managers & Government Officers want to complete the paper work in such a way that their responsibility is shifted to the contractors.

Currently Indian Market is Fragmented and driven by the contractors who provide 10 years Guarantee, for waterproofing.

Current Practices & Type of systems used for the waterproofing

Traditional systems like box type waterproofing for basement & brick bat coba for Terrace are still in use and commonly adopted systems today. Those who have started using modern techniques, very often use the term chemical waterproofing, in which some polymer or chemicals are mixed in the cement and applied on the surface to get results of waterproofing.

If this mixture forms, some elastomeric flexible film of .75 or 1mm thickness on the surface then it is effective, otherwise it depends on your luck and the Quality of concrete.

These kind of mixtures or cement additives are not the Long term solution for the waterproofing but just the temporary treatments.

Most of the leading Manufactures like Fosroc, SIKA, BASF & Pidilite are having Integral waterproofing compounds too, in their product range which is misunderstood by masons as the waterproofing solution.

The actual usage of integral compound is to increase the workability, cohesiveness of the mix, and to reduce the porosity of the substrate to some extent. The primary usage of this item is in plaster, repair mortar and in miscellaneous masonry work but contractors even end up using it in concrete or for toilet or terrace waterproofing work, which is not a good practice and basically a wrong solution.

However this practice is rampant in India, due to the wrong understanding of the masons, since for initial 1 to 2 years nothing happens hence they just take the responsibility for the job and charge high rates for the ignorance of the customers.

Some of them just en-cash the Brand image of a particular company to keep the mouth shut of the client, this is mostly in retail segment. Indians believe only in advertisement and get satisfied by thinking that this particular brand is known or they heard of it, hence must be good.

Whom should client trust ? This is a big question

Any one and every one is mixing some medicine in the cement and claiming that now a impermeable membrane is formed on the surface and no chance of any water leakages.

Majority of Toilet/ Bathroom repair work waterproofing is being done with this wrong method by small/big contractors.

Now let us take basement, where box type waterproofing is done, if it is done by the skilled people , it will work , provided construction joints are treated properly.

2nd type is integral method by using crystalline products, since it is difficult to do basement waterproofing due to various reasons, hence an easy way is chosen to mix Krystalline product in the concrete itself , the prescribed dosage is suggested by the manufacturers depending on the cement grade . This system is successful where free lime is available in the standard Quality of concrete and water pressure is not very high , construction joints also need to be treated properly because success of this system primarily rest with the construction joints treatment .

Liquid/Brush applied system:-

There are various kind of coatings applied on the substrate , which forms the membrane starting from 1mm to 2mm. This basically works on the principle of creating a barrier from the positive side.

Actually this is the right method of doing waterproofing , as waterproofing from negative side does not last long. This is a workable solution for small to medium jobs ranging from 10 sqmtr to 1000 sqmtr.

Category of coatings used for the waterproofing

There are various type of coating/films manufactured by the companies such as cementitious , Bituminous , Epoxy , PU.

Each kind of coating has got different variants with different properties like elongation and tensile strength . Manufacturers and contractors play with these parameters, showing elongation more than 400% etc , to show their products superior to the competition, which has no meaning .

Elongation upto 300 % is enough for any waterproofing system .

Among all these Coatings PU coatings are considered the best due to its inherent properties, and they are costly too , starting from Rs 55/ sqft to 110/ sqft , mainly PU is best produced by the Greece manufacturers. Most of the companies in India are Importing PU from Greece / Germany and packaging it under their own brand and selling it in the market.

Lastly comes **preformed membranes** such as

APP

PVC/TPO

EPDM

Whether we mix polymer in cement or do some other coating , ultimately it is going to form the membrane on the surface .

So why not use ready made Preformed membranes where thickness is guaranteed and no worry of contractors cheating the clients , mixing water etc in the material .

This is the actual waterproofing material used for the waterproofing from positive side , Quality of the product depends on the application & service life.

For cheaper options Entire Govt department uses HDPE/APP membrane which lasts 3 to 5 years and can easily be applied but it has got the limitation of Length and width of the roll , max size available is 1.2mtr width X 10 Mtr Length .

Among all the Preformed membranes PVC/ TPO/ EPDM are considered the best waterproofing system in the world.

Challenge for the Client

Clients are not able to buy the products directly, because application is to be done by the contractor, if product is bought directly by the client then contractor Lose interest due to his reduced profits , because he does not get any profit on the material . Contractors make money by showing the inflated material cost and less application charges as they don't want to show that application charges are so high . Even if some client try to purchase the material directly and want to give the waterproofing job on labour , then these contractors will not take any responsibility for the material and will not give you the guarantee for 10 years just because you have not allowed them to buy the material where they were making some profits .

This is a challenge which is to be handled by separating the material cost from the labour cost .

Since our present day construction practices are so bad that most of the time we are looking for a guy who can take the ownership of the waterproofing , so that all our mistakes are shifted to the contractor.

What is the solution:-

We are opening up this black box by giving you the complete break up of the costing along with the material details. Now you can decide, which product of which company is to be used.

Also you can choose contractors of your choice depending on his profile.

Similarly we have provided you the complete details of the Generic products as well as the branded so that you know the difference in pricing .

Still if nothing works out then you can simply choose our self diagnostic module and rest assured, every thing will be done at your doorstep by our team members at a reasonable cost.

All Guarantees and work orders will be issued online.

What are our offerings

Complete Information about the waterproofing , repair & Exterior painting products , systems, usage and search option to know about manufacturers of these products , Projects references for a particular product or system .

Self diagnostic system in which customers can directly analyse the problem & get solution online with all the details. Entire job will be undertaken by us through our associated contractors.

Bids section is for the contractors to see online waterproofing & repair tenders to expand their business by quoting the rates online.

Bids section for Architects, consultants , Builders and other departments to post their tenders , BOQs , to get the quotes from existing & New contractors .

Information box is to see the new products , technology , application Videos , projects .

Above all , One stop solution for the waterproofing , repair , & Painting.

Different product options for different waterproofing systems with complete detailing & cost break up.

Various Important Footer Links

Download work order / contract/ BOQ/ Drawing/ Methodology

10 year warranty / Guarantee Format

How to find the project reference / credential for a particular product , manufacturer, contractor, consultant ?

How to find particular product , its application , usage?

How to find different type of waterproofing systems ?