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ACETIMES
NEWS MAGAZINE OF **ACECRETE ADHESIONS INDIA PRIVATE LIMITED**

NEWS DESK

BUILD-CON 2018 Exhibition Hassan

Team Acecrete Adhesions India Pvt. Ltd. had participated in BUILD-CON 2018, an exhibition on Building Materials, Architecture, Furniture and Interior Designs, at Hassan. Our participation has fulfilled needs of many customers. It was our pleasure to exhibit our products in that event.

TECHNO CRAFT

Causes of dampness in the building and its treatment

Dampness is the presence of unwanted moisture in the structure of a building, it occurs mainly in old buildings, either the result of water overrunning from outside or condensation from within the structure.

Dampness in building is one of the important aspects to consider during building design. Because if neglected, it will affect the building structure adversely and will create unhygienic condition for the persons living in that building.

One of the requirements of the building is that it should be dry. Dampness in a building may occur due to bad design, faulty construction and use poor quality of materials. Dampness not only affects the life of the building but also creates unhygienic conditions of the important items of work in the construction of a building. The treatment given to prevent leakage of water from roof is generally termed as water proofing whereas the treatment given to keep the walls, floors and basement dry is termed as damp proofing

DEFECT OF DAMPNESS IN BUILDING

The various defects caused by dampness to building may be summarized as under:

1. It causes efflorescence which may ultimately result in disintegration of bricks, stones, tiles, etc.
2. It may result in softening and crumbling of plaster.
3. It may cause bleaching and flaking of paint with the formation of coloured patches.
4. It may result in the warping, buckling and rotting of timber.
5. It may lead to the corrosion of metals.
6. It may cause deterioration to electrical fittings.
7. It promotes growth of termites.
8. It creates unhealthy living conditions for the occupants.

CAUSES OF DAMPNESS IN BUILDINGS:

Absorption of moisture by the building material is one of the chief causes of dampness. On account of granular nature of materials, moisture finds an easy access through the voids and this aided by capillary action assists the moisture to travel in different directions. Thus, either on account of faulty design of structure or bad workmanship or by use of defective structures or by use of defective materials, moisture may find its way on the interior of the building either through the wall, floor or roof.

SOURCES OF DAMPNESS IN BUILDINGS:

The important sources of dampness may be summarized as below:

1. Dampness rising through the foundation walling. Moisture from wet ground may rise well above the ground level on account of capillary action.
2. Splashing rain water which rebounds after hitting the wall surface may also cause dampness.
3. Penetration of rain water through unprotected tops of walls, parapet, compound walls, etc., may cause dampness.
4. In case of sloped roofs, rain water may percolate through defective roof covering. In addition faulty eaves course and eave or valley gutters may allow the rain water to descend through the top supporting wall and cause dampness.
5. On case of flat roofs, inadequate roof slopes, improper rain water pipe connections, and defective junction between roof slab and parapet wall may prove to be source of dampness.

METHODS OF DAMP PROOFING:

Following methods are generally adopted to prevent the defect of dampness in a structure:

1. Membrane damp proofing
2. Integral damp proofing
3. Surface treatment
4. Guiding
5. Cavity wall construction

1) Membrane Damp Proofing:

This consists in providing layers of membrane of water repellant material between the source of dampness and the part of the structure adjacent to it. This type of layer is commonly known as dam proof course (or DPC). Depending upon the source of dampness, DPC may be provided horizontally or vertically in floors, walls, etc. Provision of DPC in basement is normally termed as tanking.

ACEBOND provides membranous water proofing solution for damp proof building called ACEPROOF Rainshield and Aceproof Brush N' Bond.

a. ACEPROOF Rainshield : Superior quality latex admixture designed for mix with portland cement at site before application. The slurry made with Aceproof Rainshield and cement works as an excellent waterproofing layer as well as very good bonding agent. It will not allow water to penetrate into it and so dampness will not occur.

b. ACEPROOF Brush N' Bond : Superior quality, high performance, two component, latex based waterproofing admixture designed to be mixed with factory prepared polymer blended filler powder to form a high quality latex modified, brush applicable slurry mortar which works as an excellent water proofing agent.

2. Integral Damp Proofing:

This consists in adding certain water proofing compounds with the concrete mix to increase its impermeability. Such compounds are available in market in powdered as well as in liquid forms.

ACEBOND offers excellent grade Integral Waterproofing Additive called "ACEPROOF IWP – Integral waterproofing cum water reducing admixture. Aceproof IWP is a high performance super plasticizing and water reducing admixture prepared with blending of selected superior grade ingredients under supervision from experts. It is recommended to add 200ml-500ml dosage per 50kg cement.

3) Surface Treatment:

As described earlier, the moisture finds its way through the pores of materials used in finishing. In order to check the entry of the moisture into the pores, they must be filled up. Surface treatment consists in filling up the pores of the surfaces subjected to dampness. Bituminous solution, cement coating, transparent coatings, paints, varnishes fall under this category.

ACEBOND offers an excellent products called " ACEPROOF Ener-G' Guard which is suitable for this type of application.

ACEPROOF Ener-G'guard is a high performance acrylic elastomeric waterproofing cum heat reflective coating which block the porous and has excellent elongation and can maintain a watertight seal while the roof expands and contracts for certain extent. It is a reflective roof coating helps reduce cooling costs, prevents UV-degradation and premature roof failure.

4) Guniting:

This consists in depositing an impervious layer of rich cement mortar over the surface to be water proofed. The operation is carried out by use of a machine known as cement gun. The assemble broadly consists of a machine having arrangements for mixing materials and a compressor for forcing the mixture under pressure through a 50mm diameter flexible hose pipe. The hose pipe has nozzle at its free end to which water is supplied under pressure through a separate connection. It is advised to mix ACEMIX TBL – Latex admixture for special properties.

5) Cavity Wall Construction:

This consists in shielding the main wall of the building by an outer skin wall leaving a cavity in between the two. The cavity prevents the moisture from travelling from the outer to inner wall.

ACE COLUMN

Kentucky Fried Chicken

Once, there was an older man, who was broke, living in a tiny house and owned a beat up car. He was living off of $99 social security checks. At 65 years of age, he decides things had to change. So he thought about what he had to offer. His friends raved about his chicken recipe. He decided that this was his best shot at making a change.

He left Kentucky and travelled to different states to try to sell his recipe. He told restaurant owners that he had a mouthwatering chicken recipe. He offered the recipe to them for free, just asking for a small percentage on the items sold. Sounds like a good deal, right?

Unfortunately, not to most of the restaurants. He heard NO over 1000 times. Even after all of those rejections, he didn't give up. He believed his chicken recipe was something special. He got rejected 1009 times before he heard his first yes.

With that one success Colonel Hartland Sanders changed the way Americans eat chicken. Kentucky Fried Chicken, popularly known as KFC, was born.

Remember, never give up and always believe in yourself in spite of rejection.

Rejection is neither an indication of value or talent. If you believe in what you have to offer, then don't stop offering it simply because somebody rejected.

Testimonials




We would like to express our sincere thanks to M/s. Acecrete Adhesions India (P) Ltd., for their top quality material and Technical support. We appreciate your efficiency and careful attention to our requirements.

We have been using ACEBOND Products since 4 years for our various projects. We have tried materials like Acefix 3Star, 5Star, 7Star, 9Star white, Cementitious grout, Epoxy grout and waterproofing.

We found the products very good in terms of quality and also their hospitality in supporting us technically.

We truly wish them all the best & look forward to continue our business relationship in future.

(Mahabala M)
MM Constructions

MART MEET
Masons.Acecretion.Route.Together

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Acecrete Adhesions India Pvt. Ltd. had organised one day Masons Training program called "MART" at Chennai and Karimnagar in the month of April 2018. The workshop provided a detailed insight on the materials and its application. Thanks to our team – Andra/Telangana and Team-Tamilnandu for their efforts in conducting and presenting the wonderful training program.

Chennai, Tamilnadu

Karimnagar, Telangana

Feel free to give your views, feed back, ideas and opinions related to this field. You may be the next face in our news letter.

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Our Vision

We aspire to be a world class organisation with advanced products, processes, unmatched performance and quality. We are committed to delight our stake-holders with unlimited solutions at our single hub-"ACECRETE'

Our Mission

To innovate continuously and provide unique solutions in construction technology.

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