

News from Egypt's leading Modified Bitumen Membranes Manufacturer -Bitunil S.A.E.

Special Interest Articles:

- Water Damage to Structures.
- Basements Tanking System
- Introducing roof shingles to the Egyptian Market

Individual Highlights:

Exhibitions-08

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Water Damage to RC Structures

Salts and chemical born ground water attack RC structure walls and floors, and with out being immediately detectable, it results in irreparable damage to structure. Common chemical reactions are: Acidic attack, Carbonation, Sulfate attack, and Chloride penetration

All of which lead to leaching away of soluble salts, concrete cracking and spalling, and promoting corrosion of reinforcing steel.



Sulfate Attack



Corrosion of Steel Bars

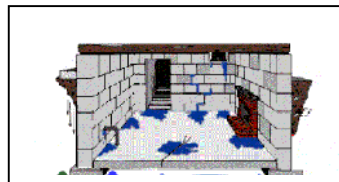


Chloride Penetration attacks steel reinforcement causing corrosion, and results in concrete cracking and spalling.

Wet Basements – A Real Nightmare

A wet basement can be any thing from just a nuisance to a real nightmare. Problems facing owners range from just dampness to even flooding.

In addition, it is a well known fact that excessive moisture is a prime attraction to insects, and termites, and is a major cause of respiratory ailments and allergies.



Chronic basement leakage is a serious problem that can destroy personal property, furnishings and appliances and sometimes cause permanent damage to structure foundations. In



Mold On Walls



Damp Basement Walls



Mildew, Brown spots & Peeling Paint



Costly Finishes Damage

Basements Tanking

Basement tanking is waterproofing of both below grade walls and structural foundations from the external sides, to form a water tight barrier that prevents ground water loaded with salts and chemicals from coming in contact with RC structure, and thus preserving the integrity, and prolonging the service life of the structure. Even in sites with dry conditions, or low water table, it is advisable to

protect foundations and below grade walls from anticipated irrigation water damages, heavy precipitations, and from impaired or failing neighbor's storm water or sewage grids.

Choice of Waterproofing systems can be any of the following, depending on the nature, location, and unique conditions of the projects:

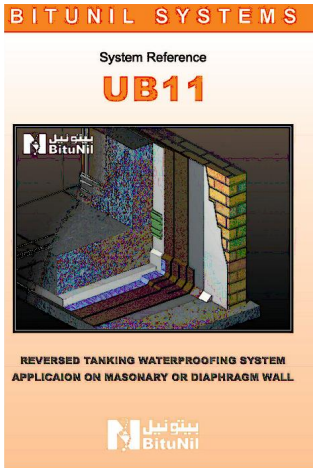
- Bentonite Water-proofing System.

- Single Ply Membranes such as PVC or EPDM.

- Asphalt Based BUR System.

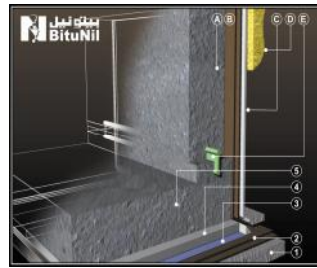
- Liquid Applied Membranes.

- APP and SBS modified bitumen Membranes.



BituNil Tanking Systems for Below Grade Structures

“Membrane system protection is considered as part of the system, necessary to provide the protection against RC works and backfill.”



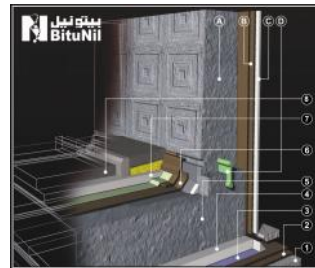
Basement Tanking

Horizontally:

- 1-Blinding Concrete.
- 2- MBM Waterproofing System.
- 3- Separation Layer
- 4- Protection Board
- 5- RC Raft

Vertically:

- A- RC Walls.
- B- MBM Waterproofing System.
- C- Protection board
- D- Backfill
- E- PVC Water-stop.



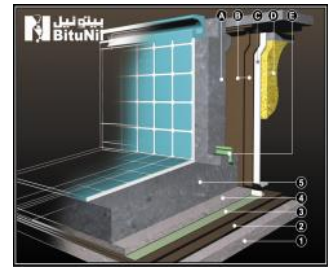
Underpasses

Horizontally:

- 1-Blinding Concrete
- 2- MBM Waterproofing
- 3-Separation Layer
- 4- Protection Screed
- 5- RC Base
- 6- MBM Raft Protection
- 7- Protection Concrete.
- 8- Asphalt wearing course.

Vertically:

- A- RC Walls
- B- MBM Waterproofing
- C- Protection board
- D- PVC Water-stop.



Water Retaining Structures

Horizontally:

- 1-Blinding Concrete.
- 2- MBM Waterproofing System.
- 3- Separation Layer
- 4- Protection Screed
- 5- RC Raft

Vertically:

- A- RC Walls.
- B- MBM Waterproofing System.
- C- Protection board
- D- Backfill
- E- PVC Water-stop.

Exhibitions:

BATIMATEC 2008, Algeria.

With the booming construction evident in ALGERIA, in the recent years, the country has become an attraction for building & construction materials companies, to discover what opportunities the market holds for them.

'Batimatec', the exhibition for the building and interiors industries, was the perfect chance to bring together the international exhibiting companies and the local agents and distributors.

The event attracted almost 600 local companies, and

a wide range of international exhibitors from Bulgaria, Egypt, France, Greece, Italy, Portugal, Spain, Tunisia and Turkey.

The Egyptian pavilion contained forty exhibiting companies in the fields of Ceramics, construction, electric cables, flooring, marble and granite finishes, steel products, chemicals and waterproofing materials.

BituNil participation in the event offered a great opportunity to showcase its state of the art products to the major decision

makers in the Algerian building and interiors industries.

The event fulfilled a variety of objectives from increasing BituNil brand awareness in the market to closing deals with new customers and partners.



Libya Build 2008, Libya

Now that there is a rapid rising in urban population in LIBYA, and the country is moving towards a new economic era, there is an urgent need to enhance the country's infrastructure, and upgrade and expand ports, roads, and hotels, and make up for the massive housing gap with new housing units. "Libya Build ", the exhibition for Building & Construction, has embraced different business transactions and attracted overseas technology and expertise.

BITUNIL has always been a part of this important yearly event since entering the Libyan market six years ago. With efforts made to promote the most up to date technology in bituminous waterproofing products, Bitunil has succeeded to secure almost 45% of the market share of bituminous membranes in Libya. The rest is shared by other Egyptian, Saudi, and Emirates companies.

Through close follow up, efforts with consultants,

and constant participation in important events in Libya, Bitunil products has been specified in many large projects, and Bitunil's sales team has been able to secure two of the largest public housing projects in Libya.



Inter-Build Egypt

“Inter-Build has become an integral part of the infra structural development of Egypt.”

Over the years, Inter-Build Egypt has become an integral part of the infrastructural development of Egypt. It has helped builders and developers to keep pace with the constantly changing industry trends, construction technology, and emerging markets. The 15th international

exhibition was inaugurated by the prime minister and minister of housing. The fair opened at the Cairo International conference Center on 19th June 08, and over 1500 exhibitors from 43 countries filled the huge 25000M2 Nasr City show rooms, to display products and offer services of

nearly every construction related sector from 'Building materials & Construction', 'Marble & Granite', Refrigeration & Air conditioning" to "Earth moving Machinery and Heavy equipment". The event brought together suppliers, manufacturers, developers, and investors.

BituNil 's Booth Glows at the Showroom



Admiration of Visitors highlighted our event

BituNil 's booth, at a strategic location, with its bold, eye-catching tower rolls, was admired by attendees. Our sales and marketing team were devoted all through the event to provide visitors with information on the latest technologies of bituminous waterproofing systems .

Meetings with developers, consultants, investors, and decision makers were held. Business deals were negotiated with local as well as international prospective clients, and with local and international suppliers of raw materials. The event was a huge success, and confirmed the strong impression of BituNil being the leading modified

bitumen membrane manufacturer in Egypt.



Mr. Banhawi Chairman and managing director of BituNil with visitors.

BituNil 's Photo Gallery of the Inter-Build event



BituNil Top Management with Roof Shingles Partner IKO.



BituNil CEO with invited exports client.



Sales Team In Action



BituNil Sales Manager with guests



Roof shingles – newly introduced to the Egyptian market.

Intense Sales Efforts- Captured By Photos



A discussion of Membrane systems applications



A DVD presentation on Roofing shingles application



A discussion of BituNil Product range

“Dedication of Sales & Marketing Team had a huge impact on event's success.”

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IKO, the Roof Shingles Experts, in Partnership with BituNil

As a partner to IKO-Belgium, BituNil will be introducing & marketing IKO's oxidized bitumen roof shingles in Egypt.

IKO Shingles comprises a wide range of types and colours of fibreglass based oxidized bitumen shingles and APP modified bitumen slates.

Why IKO shingles on your roof?

1- Elegant, and noticeably

stylish, with a great variety of colours and shapes that fits in with different styles of buildings.

2- Maintains its original aesthetic appearance for a very long period of time and easily fits onto any shape of roof.

3- Naturally waterproof, with extreme weather resistance, ranging from polar temperatures to

tropical heat, moisture and wind.

4- Quick and efficient to lay, and results in a light roof structure.

5- Can simply be placed over the existing roof construction in renovation projects.

6- Is naturally safe, and provide a positive ecological effect. It also absorbs a great amount of noise caused by rain.

Roof Shingles: Elegant & Noticeably Stylish



About Our Organization...

The Nile Waterproofing Materials Company S.A.E., **BITUNIL**, is the product of experience, prudence and knowledge.

The BITUNIL plant is built

over an area of 20,000 square meters in Al Max Alexandria Port. The production plant is state of the art for the fabrication of modified bitumen membranes, and is fully

equipped to manufacture quality products that comply with internationally recognized standards.