



NEW TRENDS IN PROTECTIVE COATINGS

K. PADMAKAR

VP , Product Management & Technology



**CONSTRUCTION CHEMICALS CONTRIBUTE IMMENSELY
TO ENHANCING LIFE OF BUILT UP ENVIRONMENT**

&

ALSO NEW CONSTRUCTION

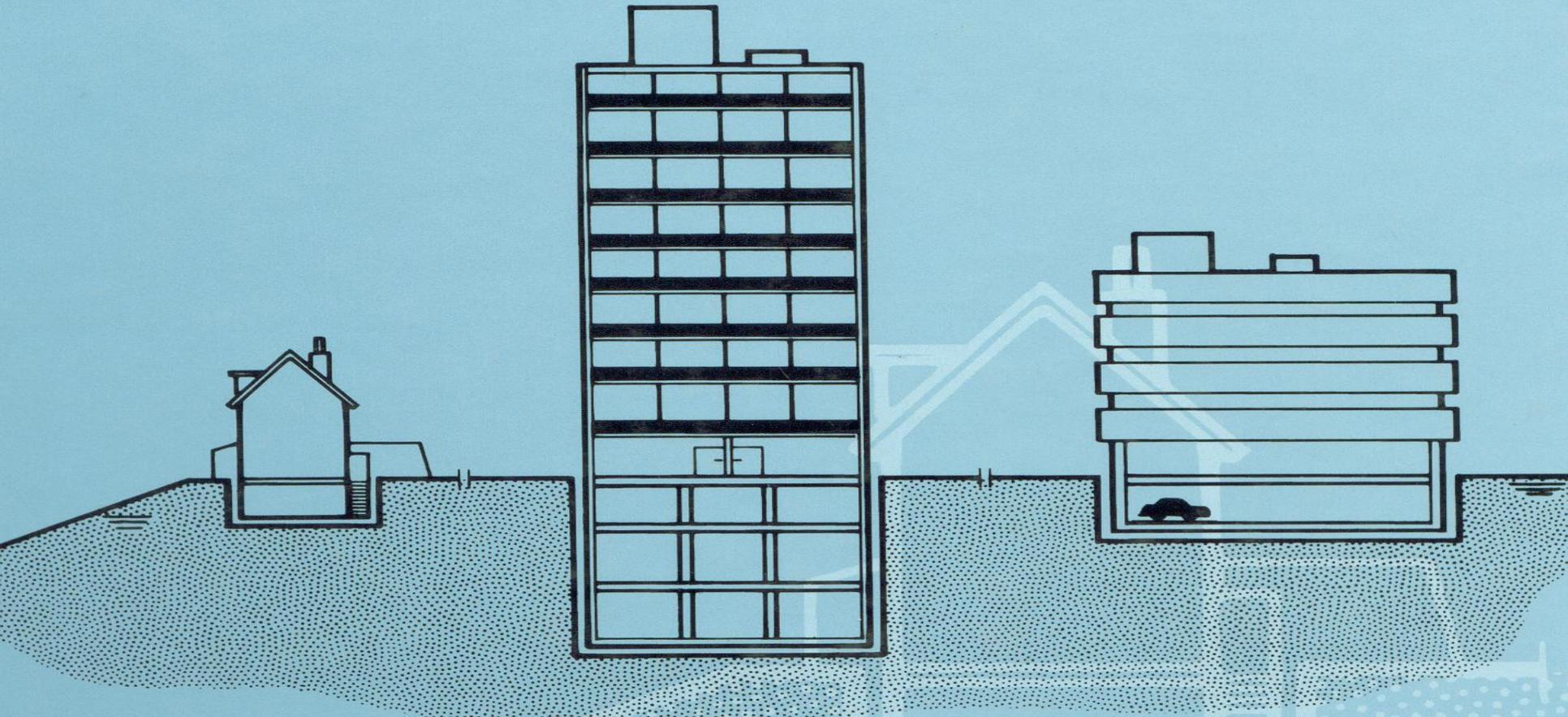


Pidilite

BUILDING ENVELOPE



FOR HEALTHY CONSTRUCTION



Products for Sustenance



CORE OFFERING

Pidilite

How do we contribute?



Enhance Durability

Reduce Energy Consumption



Conserve Resources

Improve Air Quality



Recyclable Material

How do we contribute?

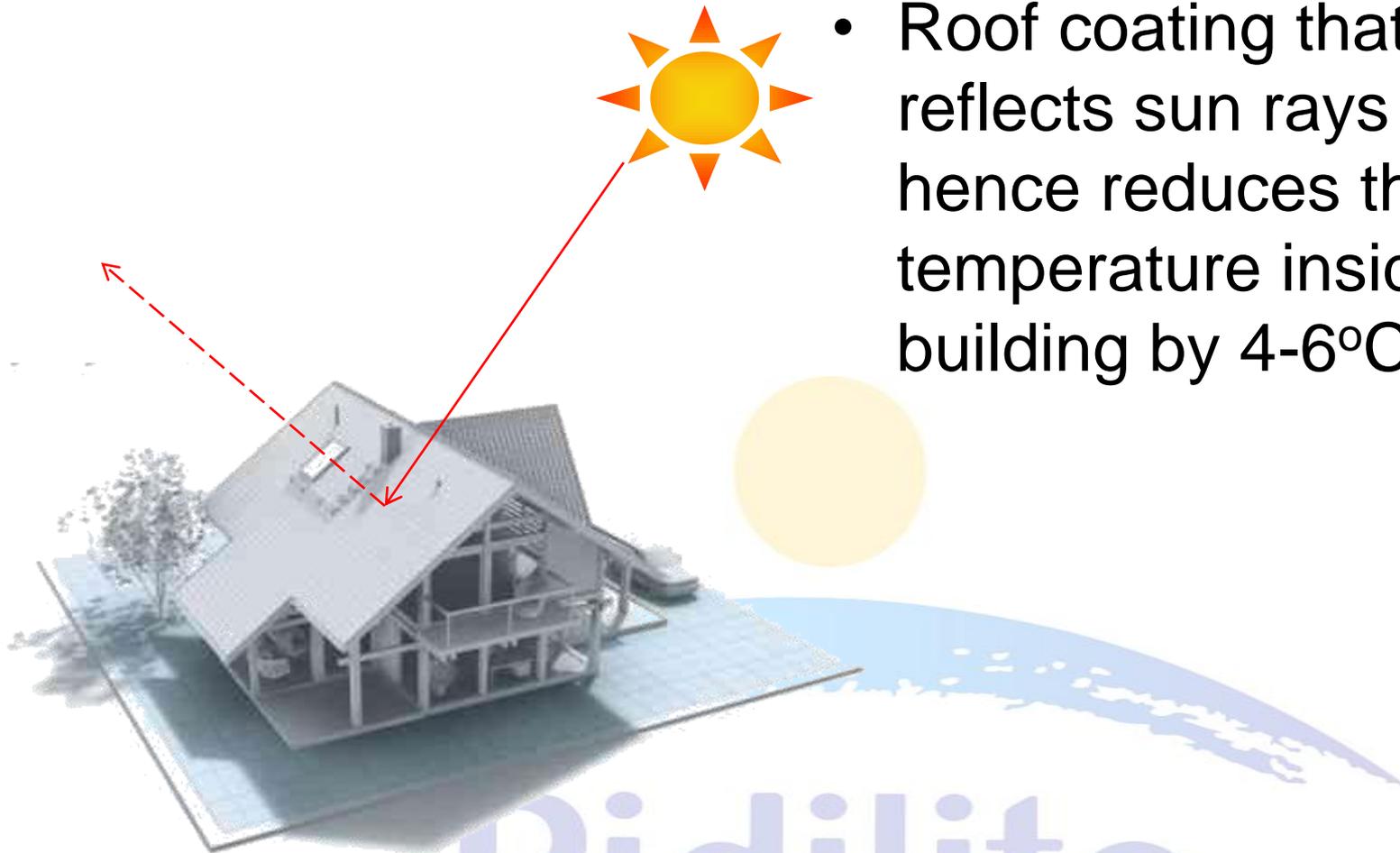


Reduce Energy Consumption



Dr. Fixit offers solutions like heat reducing coatings, sealants and green roofs to ensure that energy consumption of your building is reduced

Reduce Energy Consumption



- Roof coating that reflects sun rays and hence reduces the temperature inside the building by 4-6°C

HEAT REDUCING EXTERIOR COATING

Benefit



Reflects the heat from the roof



Room Temp ↓ 4-6°C



Reduce electricity consumption for cooling



Other Benefits



Bridges cracks and gaps



Resistant to Algae and Fungus



Can take foot traffic



Lasts for up to 10 Years



Approval from Singapore



SEC/SGLS/05/06

4th March 2006

Dr. Dien Pandiman
Technical Director
Chemson Asia Pte Ltd
24 Mandai Estate
Singapore 729915

Dear Mr. Pandiman,

Approval To Use GreenLabel (032 008) – Additional Products

Thank you for your interest in the Singapore Green Labelling Scheme (SGLS).

We are pleased to inform you that your application to use the GreenLabel has been approved. Your right to use the GreenLabel is hereby granted till 4th March 2009.

Please find enclosed two original copies of the SGLS User Agreement signed by the GreenLabel Secretariat. We would appreciate if your CEO or equivalent officer could sign both copies, and endorsed with an official company stamp. A copy should be returned to us. Please retain the other copy for your records.

Also, enclosed the bromide of the GreenLabel. Please use the logo in accordance with the colour specifications given on the back of the agreement. The descriptive text that should accompany the logo must include your User ID number and the text "Environmentally Friendly Paint / Coating" or "Environmentally Friendly / Near Zero Voc Paint" (pls refer to attachment 'How to use the GreenLabel').

Attached you will find an invoice for a total sum of \$300.00 covering your newly registered product till 4th March 2009.

Please do not hesitate to contact me for any concern on the GreenLabel.

Yours sincerely,

Yatin Premchand
Projects Manager (Industry)

Encl.

**SINGAPORE
ENVIRONMENT
COUNCIL**

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Co. Reg. No. 1000000000000000

PATRON

Mitsubishi Electric
Asia Pte Ltd

DONORS

Lee Foundation
Shaw Foundation

FRIENDS

Shell Companies
in Singapore
City Developments
Limited
NTUC Income



Approved as a green product
under the Singapore Green
Labeling Scheme

lite

Where can you use it?



RESIDENTIAL PROJECTS



COMMERCIAL PROJECTS



INDUSTRIAL PROJECTS



INFRASTRUCTURE PROJECTS



Waterproofing





Protect to Conserve Resources

HEAVY DUTY ACRYLICS OLD/EXISTING TERRACES

WATER BASE

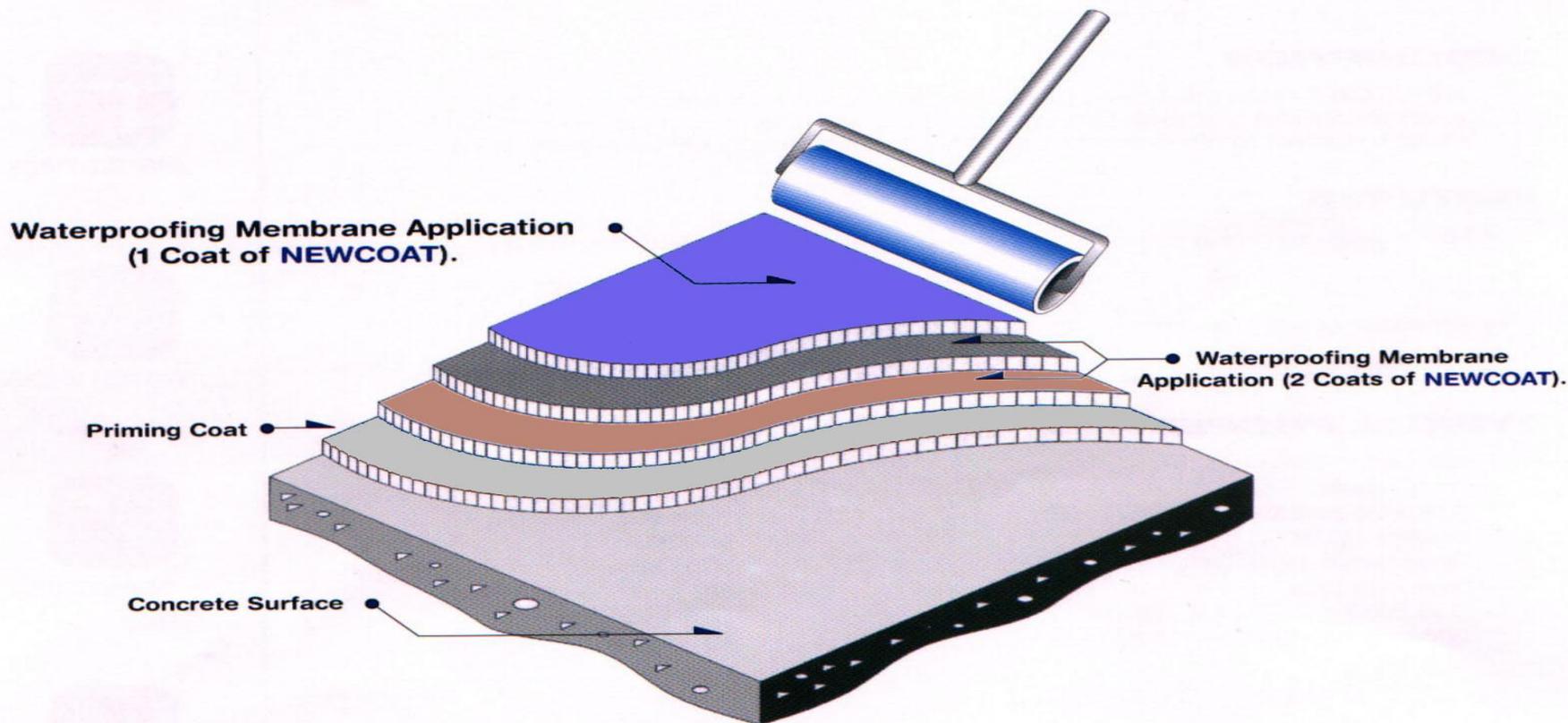
ECO SAFE

DURACNILITY

AIR BARRIER



Pidilite



**A new age innovative waterproofing system –
No breaking of existing Brickbat Coba**



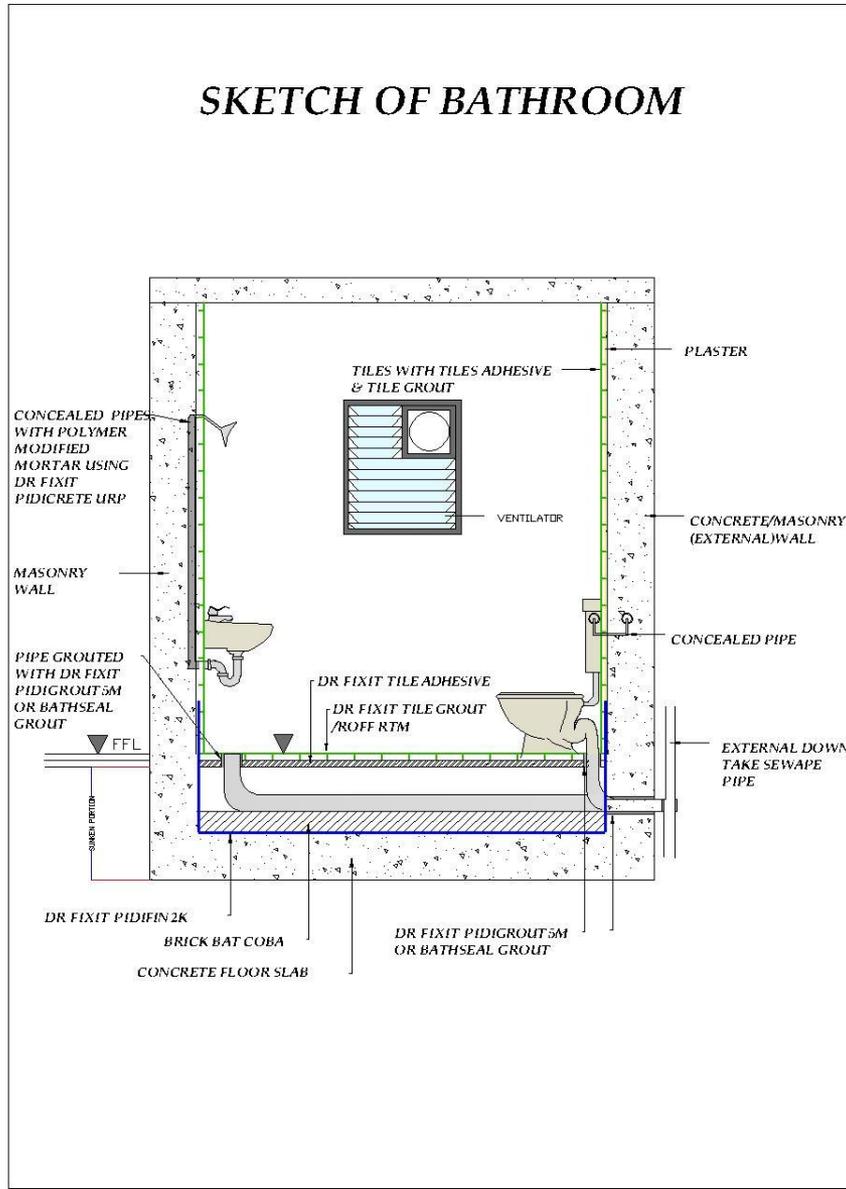
Heavy Duty Waterproof Coating

Pidilite

WET AREAS WATERPROOFING



SKETCH OF BATHROOM



LEAK FREE WALLS



INTUMESCENT COATINGS





HEALTH CARE

Hospital Acquired Infections

Pidilite

**HYGIENE
COAT**





MARINE ATTACK

FOR HEALTHY CONSTRUCTION

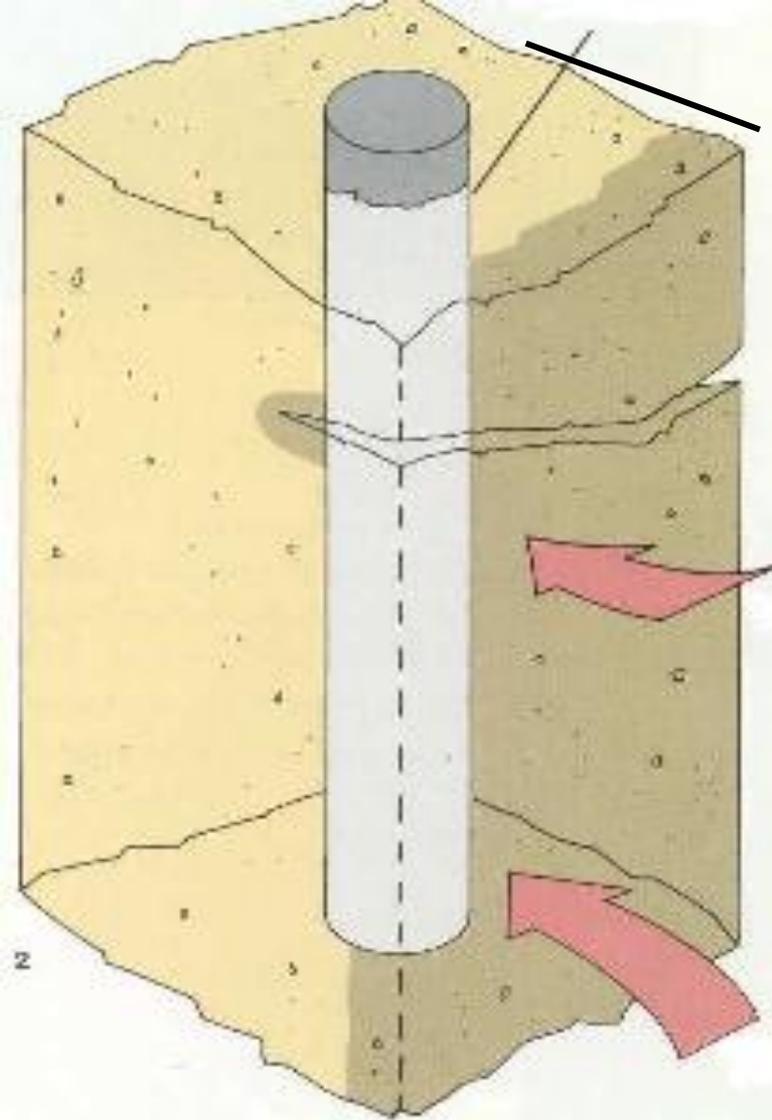


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CARBONATION



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Carbonation zone

Progression of carbonation front through concrete.

Pidilite

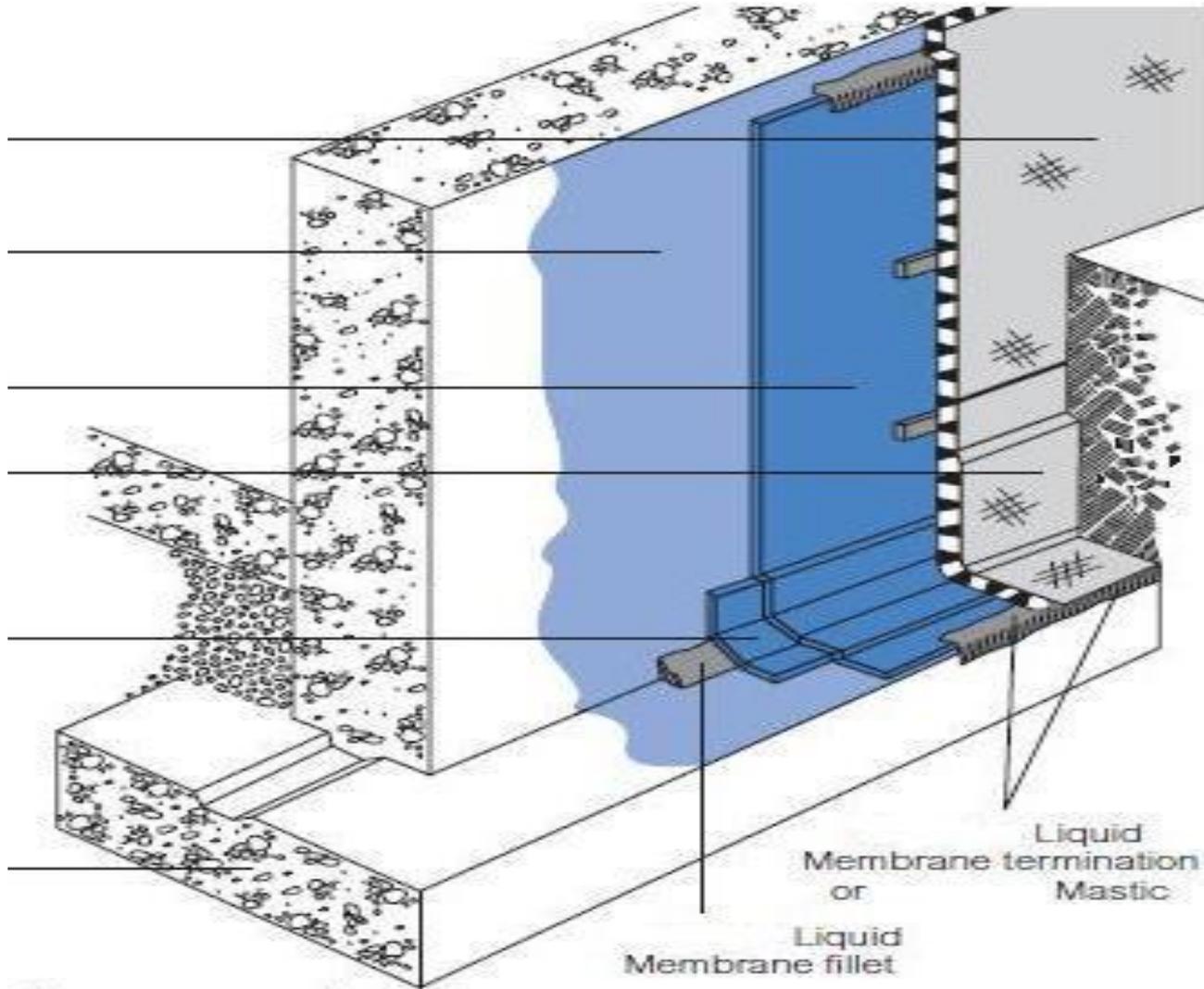


BURIED CONCRETE PROTECTION

Changing from Pitch Based
coatings to Pitch Free
& Water Based Coatings

Pidilite

BASEMENT TANKING



Shallow Basement ..Contd..



Basement Walls

FOR HEALTHY CONSTRUCTION



Waterproofing Shallow Basements

Basement Walls

Step 2...Stick GeoTex Membrane



Shallow Basements Waterproofing



Basement Walls – Step 3...Sandwich GeoTex





Pidilite

CAR PRAKING DECK Protection & Waterproofing

Let us Construct Healthy, Durable structures

