

Evercrete Deep Penetrating Sealer (DPS) For Podium Waterproofing

- Waterproofing is an integral part of construction.
- Even though it might not have any immediate benefits, the future benefits are huge.
- Traditionally brick bat coba is used as waterproofing, especially on large areas such as podiums, terraces, etc.

- ***Conventionally Brick Bat Coba has been used as a waterproofing material :***
 - Bricks are highly absorbent. When water starts entering it only acts as a reservoir.
 - They gain weight and add strain on the slab. This might also lead to crack formation on the slab.
 - The trapped water finds its way through the cracks below and seeps through. This is because the slab is not waterproofed
 - ***Brick bat coba is very expensive.***
 - Brick bat coba was started to be used for waterproofing, as in those days not many alternatives were available.



The cracks developed below the podium, and water leaking through it.



Prolonged water leakage leads to structural damage.

➤ **Alternative Methods of Waterproofing**

➤ ***Surface Coatings***

- Since the surface coatings remain on the surface of the structure, they are prone to be damaged. Hence the chances of water leaking are high.

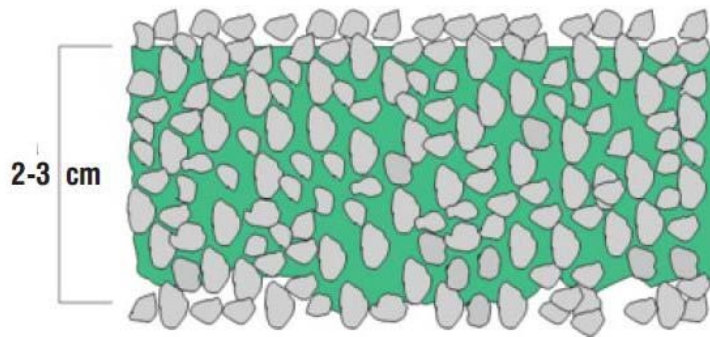
➤ ***Bitumen Membranes***

- They crack when exposed to sunlight. So, they need to be replaced every few years.

➤ **Complete Solution: Waterproofing and enhance life of structure**

➤ **Evercrete Deep Penetrating Sealer (DPS)**

- Water based, ready to use material, to be applied on cement surface with help of low pressure garden spray.
- When applied on cement surface, it reacts with free lime in the cement and penetrates the surface up to a depth of 2-3 cms.
- Hence it is a permanent layer, and **does not require re-coating**. Also the top layer of the surface is not sealed. So the **breathability is maintained**. Evercrete DPS does not add load on the structure.



Penetrating of Evercrete DPS up to 2-3 cms

- Most importantly Evercrete DPS is cost effective and performs perfectly.
- If Evercrete DPS is used, then the **use of brick bat coba and other waterproofing materials can be avoided**.
- This will help to **save huge costs, and time**.
- Apart from waterproofing **Evercrete DPS also helps to cure concrete, give concrete additional compressive strength, seals hairline cracks, etc.**

Evercrete DPS can be used for waterproofing on positive and negative sides in areas such as podiums, terraces, basements, swimming pools, bathrooms, dead walls, etc.

The multiple advantages of Evercrete DPS and its superior performance can also be used as a marketing tool, by the construction companies, to gain competitive advantage over their competitors.

It is extremely important to make sure that the structure is waterproofed to perfection. This is because waterproofing failure is rarely minor and its rectification costs run into costing a fortune.

Please contact us if case you have any questions. You may email us at polyflex@polyflex.co.in. We will be glad to assist you.