

Flexi Roof

Ecogreen Landscape Technologies India Pvt. Ltd.

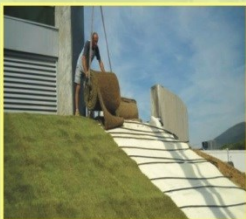


VYDRO
SMARTWATER MANAGEMENT



Ecogreen
Landscape
Technologies
India Pvt. Ltd.





About VYDRO

VYDRO® foam is a unique hydrophilic material that can be employed as the central technology in a wide range of 'living' roof and walls as well as general hydroponic and agricultural applications.

This novel substrate and smart water management solution:

- Weighs up to 70% less than other green roofing and wall substrate systems
- Can retain up to 30 times its own weight in water
- Has a high water buffering capacity of between 40-60%
- Acts as a heat shield and thermal aspect (lambda 34 dry)
- And can be rehydrated over multiple growing cycles.

VYDRO® foam offers substantial weight savings compared to standard systems.

A one meter cubed area weighs just 30kg.

The same area covered in lava stone would weigh approximately 1500kg.

Ecogreen- Flexiroof system is developed by Ecogreen Landscape Technologies (ELT) India Private limited, Pune using VYDRO® hydrophilic foam as a base substrate.

About ELT India

Vertical greenery was never so easy to install in urban spaces. ELT Green Curtain system can be used as partition or as screen, thus allowing air as well as light movement. It enhances the aesthetics of space at the same time gives privacy to a space. It is designed with sustainability in mind where each component is either recyclable or renewable. Innovative water management is the key to the success of ELT Green Curtain system. The inbuilt irrigation system not only saves water but also protects the structure from damages due to dripping.

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