green wall

LANDEX
AGRICULTURE
A Member Of Landex Group

الجدار الأخضر

GREEN WALL

A VERTICAL GARDEN INNOVATION

حديقة عمودية مبتكرة

الرؤية الخضراء لمستقبل مستدام

A GREEN VISION, A SUSTAINABLE FUTURE

Green Wall

Generally Known as VERTICAL GARDEN

Is a wall partially or completely planted with vegetation on a vertical surface which consists of various types of growing media and irrigation system.

Based on the size and location, the selection of the growing media and the selection of plants differ.

The irrigation system is also combined with a fertigation unit so that the required minerals for the survival of the plants will be supplied along with the irrigation water in slow dose.

Features of Landex Green Wall :

- Hands on experience in UAE .
- Ideal for indoor and outdoor.
- Very Sleek, thus do not make much projection from the wall and waste the space.
- Varieties of plants ideal for Green Wall specially grown in the Landex Nursery Compactable to any size and design.

Green Wall Benefits

Reduce Urban Heat

- Green Wall promotes natural cooling process.

Improved Exterior and Indoor Air Quality

- Naturally filters noxious gases and absorbing.
- Airborne pollutants and other invisible toxic fumes.
- Produce and supply fresh air intake needs in your indoor environment.

Aesthetic Improvement

- Green wall relieves you from stresses as natural healing of nature and connect you to nature and relieves you from stresses with natural healing of nature.
- Opportunity to enhance and beautifying areas and give aesthetics value to your property.

Building Structure Protection

- Protects exterior finishes from UV radiation, the elements, and temperature fluctuations that wear down materials.
- May benefit the seal or air tightness of doors, windows, and cladding by decreasing the effect of wind pressure.

Improved Energy Efficiency

- Traps a layer of air within the plant mass.
- Limits movement of heat through thick vegetation mass.
- Reduces ambient temperature via shading and plant processes of evapotranspiration.

Noise Reduction

- Acts as a sound proofing barrier.

LANDEX GREEN WALL

Landex introduces the latest technology in Green Wall which is derived from the hands on experience of the Middle East climate.

SINGAPORE-LAND DEPARTMENT BUILDING

ABOUT LANDEX AGRICULTURE

Activities

Supply and Installation of GREEN MAT :

- Green Mat is the ideal solution for saving irrigation water for more than %50 .
- Ideal for any agricultural applications especially for Middle East .
- Enhances and enriches the soil .

Sustainable Landscaping :

- Plantation of maximum native / environmentally adaptable plants and trees .
- Less water consuming plants, shrubs and trees .
- Encourage the clients to use more of recycled waste water for irrigation .

Green Roofing :

- Energy Savings for the hot climate.
- Add more living space for the building and increase the aesthetic value of the property .

Organic Planting:

- Promotion of the planting of organic vegetable and fruits.
- Innovative small system for planting vegetable even in the apartment balconies.

Landscape Designing:

- Application of more people friendly designs in the landscaping.
- Services of experienced architects, landscape engineers and designers are used to provide sustainable landscape, roof and the Green Wall design to the clients.

LANDEX GROUP

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