



LIVING GREEN WALL

FEATURES



Reasons to have Living Green Wall

- Purify the air
- Maintain ambient temperature
- Reduce ambient noise
- Energy cost reduction
- WELL credits and LEED credits
- Boost productivity
- Some more additional features



Purify the air

- Filters the particulate matter.
- Convert **CO₂ to Oxygen**.
- 1 Sq.m of living wall extracts **2.3Kg of CO₂** and produce **1.7Kg of O₂** per annum*.
- Absorb harmful VOC's.



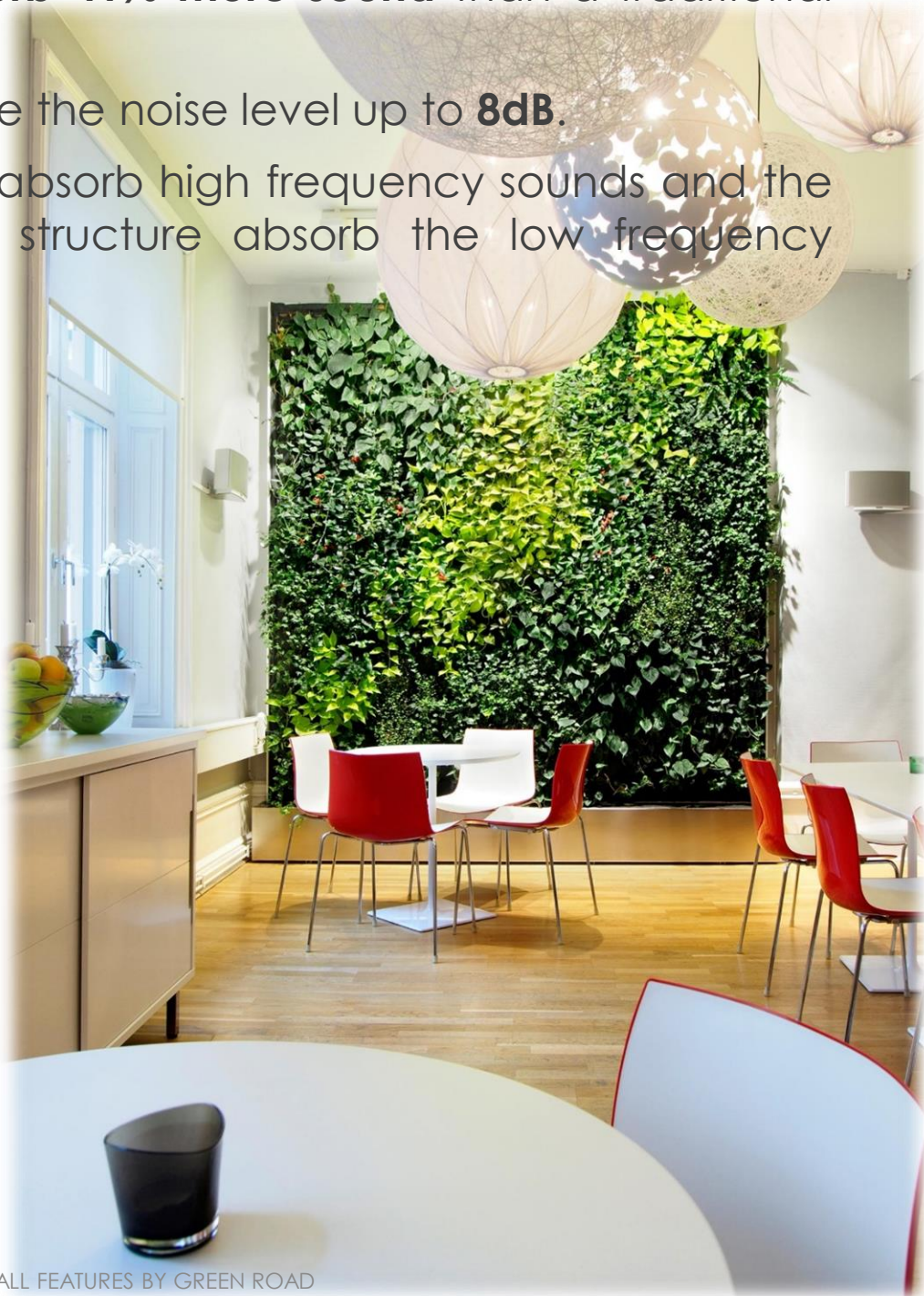
Maintain ambient temperature

- Plants **absorb sunlight**. 50% is absorbed and 30% is reflected.
- **Cools the air** during summer, through evapotranspiration.
- **Insulates the interiors** during winter and warms the air.



Reduce ambient noise

- Green walls act as **sound barriers**.
- Plants **absorb 41% more sound** than a traditional facade.
- Can reduce the noise level up to **8dB**.
- The plants absorb high frequency sounds and the supporting structure absorb the low frequency ones.



Energy cost reduction

- ▶ Indoor living green walls can **reduce the air conditioning** requirements up to **33%**.
- ▶ Exterior living green walls can reduce wall surface **temperature** by as much as **50 degrees F**.
- ▶ Helps in significant energy savings and air conditioning costs



WELL credits and LEED credits

- WELL and LEED are internationally recognized **green building certification systems**.
- Installation of living green walls can earn WELL and LEED credits.
- Creates a favorable perception of a structure with an **improved carbon footprint**.
- Commercial buildings with LEED certifications receive **tax credits**.



Boosts productivity

- Green exposure results in greater use of **logical reasoning** and more **efficient decision making**.
- Green workplaces can result in a **15% increase in productivity**.
- Plants have a positive effect on people.



Some more additional Features

- Green walls reduce stress.
- Green spaces show a longer residence time.
- Plant walls add value to the brand.
- Improves social interaction and less vandalism.
- Offer a powerful healing environment





GREEN ROAD

Green Solutions. Engineered to last



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