



#### Why Should We Put Plants on Buildings

1. Air purification: Plants absorb carbon dioxide and release oxygen through photosynthesis, improving air quality. They also help remove toxins such as formaldehyde and benzene from indoor air, creating a healthier living environment.
2. Temperature regulation: Plants can provide natural cooling effects through evapotranspiration, where water evaporates from their leaves, helping to reduce temperatures in urban areas, particularly during hot summers. This can contribute to lower energy consumption for cooling indoors.
3. Noise reduction: Vegetation can act as a buffer to absorb and deflect sound, reducing noise pollution from traffic, construction, and other urban activities, creating a quieter and more peaceful living environment.
4. Aesthetic enhancement: Greenery adds visual appeal to urban spaces, softening the harsh lines of buildings and concrete. It creates a more inviting and attractive environment for residents and visitors alike.
5. Mental health benefits: Interacting with nature, even in urban settings, has been shown to reduce stress, anxiety, and depression. Having plants in and around homes can improve mood and overall well-being.
6. Biodiversity support: Urban green spaces provide habitats for birds, insects, and other wildlife, promoting biodiversity in cities. This can contribute to ecological balance and enhance urban ecosystems.





