

Thermal Transmittance

Also known as U-value, is the rate of transfer of heat (in watts) through one square metre of a structure divided by the difference in temperature across the structure. It is expressed in W/m²K. Well-insulated parts of a building have low thermal transmittance whereas poorly-insulated parts of a building have high thermal transmittance.

Total Planted Area

The total external landscaped area of a building plot, including landscaped areas on roofs (vegetated roofs).

Total Vehicle Parking Capacity

Total number of parking spaces within the site as specified by Dubai Municipality.

Totalising Meter

Measures the flow and provides a total of the quantity that has passed through the meter. This is indicated in the form of a numeric readout.

Toxic Waste

Waste containing poisonous substances. These substances may have acute effects (causing death or violent illness) or chronic effects (slowly causing irreparable harm) even in very small or trace amounts.

Treated Sewage Effluent (TSE)

The product of the process of removing physical, chemical and biological contaminants from wastewater. The process produces treated effluent suitable for reuse or discharge into the environment and solid waste (or sludge).

U-value

Refer Thermal Transmittance.

Urea Formaldehyde

Combination of urea and formaldehyde used in some glues. Formaldehyde is a naturally occurring VOC that is an irritant to most people when found in high concentrations and is also carcinogenic. Urea-formaldehyde may emit formaldehyde at room temperature.

Variable Air Volume System

An air handling system that conditions the air to a constant temperature and varies the outside airflow to ensure thermal comfort.

Vegetated Roof (Green Roof)

A vegetated roof consists of vegetation and soil or a growing medium, planted over a waterproofing membrane on rooftops. Vegetated roofs may also include additional layers, such as a root barrier and drainage and irrigation systems. The use of vegetated roofs may have different purposes, from energy savings to stormwater management and aesthetic benefits.