

BeitMisk



BREEAM®



Recognition of International Excellence

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BeitMisk has earned the highly prestigious **Building Research Establishment Environmental Assessment Methodology (BREEAM)** Design Certificate for Acacia 9 – 14, Keena 3 – 6, and Reyhan 1, by effectively combining the best principles of **smart urban design with an eco-conscious approach to living.**

The **BREEAM** certification truly sets the standard for best practice in sustainable building design, construction and operation and is one of the most widely-recognized measures that a development is exemplary according to international standards.

The certificate's high international standards will be completely incorporated in **BeitMisk's** ongoing and upcoming buildings.

BeitMisk

The Benchmark for Exceptional Living

BREEAM is not only a recognized stamp of excellence – it supports **BeitMisk's** vision of an environmental and energy-efficient community.

Where other projects see nature as an obstacle, we see it as an opportunity to provide a life that is balanced, adding significant value for residents and allowing **BeitMisk's** community to enjoy a high-quality lifestyle that is in harmony with nature.



Hazards

A report conducted by a specialized consultant resulted in mitigation measures for potential hazards, which are implemented throughout the development.



Bicycle storage space

Special storage spaces are available for all apartments.



Energy-efficient lighting

All internal light fittings are LED. When no false ceiling is present, low-energy fluorescent lights will be used.

A single LED light will provide yearly financial saving of \$21, compared to conventional lights.



Energy-efficient systems

Water and space heating

Use of high-efficiency gas boilers for water and space heating provides energy saving and reduced toxic and greenhouse emissions.

Elevator

Utilization of energy-efficient lifts with adjustable speed, frequency control, and energy-efficient lighting.



Drying lines

Fixed, retractable lines in all residential homes allow for natural drying of clothes whenever possible, and energy saving by cutting drying machine usage.



Home office

Electrical and data outlets come built in, meaning that each apartment comes equipped with a space to be used as a home office.



Water monitoring

Advanced smart meters provided for every apartment help tenants monitor their consumption, and know when leakage takes place.



Designing for sturdiness

Protective elements added to the building's parking to guard against vehicle collision, thus increasing the building's lifespan.



Construction waste management

Development of a construction waste management plan for the sorting of construction waste, with 74% of total waste diverted from landfills through re-use and recycling.



Flood risk

Assessment by an appointed specialized consultant to assess flood risk concluded that the development's current drainage infrastructure puts it in a zone of low annual probability of flooding.



Reduction of night-time pollution

External lighting designed to limit outdoor nighttime pollution, in addition to the use of low-energy lighting.



Post-occupancy evaluation

A survey is to be carried out with residents on building design, environment and energy performance, with the results of the review released to the public.



Potential for natural ventilation

Residential units provide natural ventilation through openings on more than one side of the building façade.



Water quality

Systems are designed in compliance with measures outlined in the English 'Health and Safety Executive' regulations to reduce microbial contamination.



Smart lighting in common spaces

Lighting controls in communal spaces minimize unnecessary energy consumption.



Sorting bins for solid and organic waste

The development follows the approach of sorting at the source, providing sorting bins for homes under the kitchen sink and communal bins for paper and cardboard, recyclable glass, metal and plastic, and compostable waste. The solid waste is transported to a recycling facility, while the compostable waste is turned into natural fertilizer near the buildings' premises.



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