

DRAGON CITY FURNITURE SHOWROOMS

G+2P+Roof Showrooms Building








Plot No.: IC1-DM002-G, Warsan-1, Dubai, UAE

dar



EHS IN-HOUSE CERTIFICATION SCORECARD

Regulation GB 4.0 Green Building Regulations (LEED-NC v3.0)

Total	57/110
 Sustainable Sites	17/26
 Water Efficiency	06/10
 Energy & Atmosphere	13/35
 Materials & Resources	03/14
 Indoor Environmental Quality	10/15
 Innovation in Design	04/06
 Regional Priority	04/04

PROJECT FACTS

Green Building Certification: EHS In-House

Built-up Area: 36,502 Sq.m.

Completion Date: 3rd April 2019

Date of Certification: 12th November 2019



KEY BENEFITS

- Savings in Energy use 22.40%
- Reduction in Indoor Potable Water use 46.00%
- Reduction in Sewage Conveyance 50.00%
- Usage of Building Materials with Recycled Content 12.54%
- Usage of Regional Building Materials 38.23%
- Regularly occupied spaces with views 99.95%

DRAGON CITY FURNITURE SHOWROOMS

G+2P+Roof Showrooms Building

Plot No.: IC1-DM002-G, Warsan-1, Dubai, UAE

dar



PROJECT BACKGROUND

The project is part of Dragon City expansion adjacent to the existing Dragon Mart 1 complex. Building consists of showrooms at ground floor level and parking on two above floors and on roof floor.

Common facilities including prayer rooms are located at the first floor level. The project has achieved Green Building In-House Certification equivalent to USGBC's LEED Silver level from EHS/Trakhees.

PROJECT PROFILE

Sustainable Sites:

- Provision of preferred parking for Low-emitting & Fuel-efficient vehicles and Car pools to reduce pollution and land development impact from automobile use
- Roofing materials with high solar reflective index values are installed to reduce heat islands in order to minimize adverse impact on microclimate and human as well as wildlife habitats
- Covered parking is provided for more than 64% of car parking spaces to reduce heat islands in order to minimize adverse impact on microclimate and human as well as wildlife habitats

Water Efficiency:

- Installation of high efficiency water fixtures to reduce overall potable water consumption
- Installation of high efficiency dual flush water closets and waterless urinals to reduce sewage conveyance

Energy & Atmosphere:

- All the refrigerants used are CFC free
- Installation of efficient lighting fixtures
- Installation of high efficiency HVAC equipment controlled through building management system (BMS) to maximize efficiency
- Automatic controls are provided in non-regularly occupied spaces for lighting control

Materials & Resources:

- More than 12% of building materials with recycled content were used in construction
- More than 38% of regional materials were used in construction

Indoor Environmental Quality:

- AC and Ventilation system designed in line with internationally recognized standards
 - Use of VOC compliant adhesives, sealants, paints, coatings and other Interior finishes to provide improved indoor air quality for building occupants
 - No Smoking policy is developed and implemented for common areas
 - Occupied spaces are provided with full height glazed systems for unobstructed views
-

PROJECT TEAM

Owner	: M/s Dragon Mart Complex LLC
Architectural & MEP Consultants	: Dar Al Handasah (Shair & Partners)
Main Contractor	: Al Ghurair Contracting & Engineering (LLC)
Green Building Consultants	: Dar Al Handasah (Shair & Partners)
Commissioning Agent	: Susnomics Engineering Systems FZ-LLC
