

AZURE RESIDENCES

G+10 Residential cum Retail Building

Plot No.: PJTR16_A, Palm Jumeirah, Dubai



EHS IN-HOUSE CERTIFICATION SCORECARD

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

Total	52/110
Sustainable Sites	12/26
Water Efficiency	08/10
Energy & Atmosphere	09/35
Materials & Resources	06/14
Indoor Environmental Quality	10/15
Innovation in Design	03/06
Regional Priority	04/04

PROJECT FACTS

Green Building Certification: EHS In-House
 Location: Plot no.: PJTR16_A, Palm Jumeirah
 Built-up Area: 33,787.04 Sq.m.
 Completion Date: 26th October 2016
 Date of Certification: 4th May 2017



KEY BENEFITS

▪ Savings in Energy use	14.30%
▪ Reduction in Indoor Potable Water use	41.00%
▪ Reduction in Potable Water for Irrigation	100.00%
▪ Reduction in Total Water for Irrigation	54.17%
▪ Reduction in Sewage Conveyance	38.00%
▪ Total construction waste diverted from landfill	50.83%
▪ Usage of Building Materials with Recycled Content	20.16%
▪ Usage of Regional Building Materials	31.54%
▪ FSC Certified Wood	51.67%
▪ Regularly occupied spaces with views	99.55%

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dar



PROJECT BACKGROUND

The building combines modern luxurious apartments with a host of private amenities including a roof-top gym, parking, private beach and infinity pool. There is also a range of beachfront restaurants including the signature breakwater restaurant. The apartments are one and two bedroom types spread across ten floors, each come with waterfront views of beach, pool and beyond.

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
- More than 50% of paved surfaces have high albedo and/or shaded by tree canopy
- Roofing materials with high solar reflective index values are installed

Water Efficiency:

- Installation of high efficiency water fixtures
- Use of native and draught resistant vegetation with drip irrigation
- Use of STP treated water conveyed by public agency for irrigation
- Installation of high efficiency urinals and dual flush closets

Energy & Atmosphere:

- All the refrigerants used are CFC free
- Installation of highly insulated glazing systems
- Installation of efficient lighting fixtures
- Installation of standalone solar lights in the parking lot
- Installation of automatic controls for lighting

Materials & Resources:

- More than 50% of construction waste diverted from landfills
- More than 20% use of building materials with recycled content
- More than 30% use of regional materials
- More than 50% of total permanently installed wood items are FSC Certified

Indoor Environmental Quality:

- Use of VOC compliant adhesives, sealants, paints, coatings and other Interior finishes
 - No Smoking policy is developed and implemented for common areas
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PROJECT TEAM

Owner	: The Palm Jumeirah Co. LLC
Architectural & MEP Consultants	: Dar Al Handasah (Shair & Partners)
Main Contractor	: United Engineering Construction Co. LLC
Green Building Consultants	: Dar Al Handasah (Shair & Partners)
Commissioning Agent	: Susnomics Engineering Systems FZ-LLC
