



super premium residential apartments

the green era begins



“Touch the soil and feel the air
Dwell in a way that shows you care”

we at ukm group are proud to present Aurum – pure luxury apartments. in the recent past, there has been a lot of hue and cry about issues like global warming, water scarcity, carbon emissions, etc.

opinions have been heard, shared but little cared about. for discussions, the issue has turned out to be an evergreen and never-ending topic and for seminars & conferences, people take pride to talk on the matter as warriors of future.

but very few have contributed for real and lend a hand in finding a solution to it. very few people know that buildings account for a large amount of land use, energy and water consumption, and air & atmosphere alteration.

with the ever increasing demand of housing and commercial spaces in the country, the energy consumption is likely to increase from 140 twh (tera watt per hour) in 2005 to 1300 twh by 2030. this shall mean a corresponding rise to about 1.2 billion tonnes of co2 emissions in the reference case. from 1947 to 2005, the per capita water availability has reduced by almost 70% in the country.

the above demand of energy and water can be reduced by employing energy efficient technologies like use of highly efficient appliances, CFL, better insulation of buildings, and proper management of our water by recycling and reuse of water by various treatments, conservation of rain water, etc., thereby reducing the load on the underground aquifer and local water supply.

we at ukm understand the need of the present and the importance of small steps in this direction which is way beyond mere words. As a first step, we have already constructed the first ecotel hotel in Rajasthan – 'The Fern'. And now we present to you ukm group's Aurum, which will be one of the first green homes in Rajasthan and amongst the first few in the country.

the choice of green homes is increasing worldwide. the lead has been taken by market leaders in real estate worldwide. buyers and companies are willing to pay more for green buildings. green building is not a fad – it is the industry trend in all developed nations.

your one decision to buy your future dwelling at Aurum will show to the world that you care.

Green Building Facts

this is the way the definition goes – “A green building is one which uses less water optimizes energy efficiency, conserves natural resources, generates less waste and provides healthier spaces for occupants as compared to conventional building.”

- Aurum is the first registered green-homes project by IGBC (Indian Green Building Council) in Rajasthan
- crafted meticulously as per IGBC norms, Aurum shall apply for gold rating with IGBC
- At the moment there are only 66 qualified green building projects and 475 registered green buildings. source: IGBC; www.igbc.in*
- the extra cost that you pay today shall come back to you in terms of saving in 4-5 years

Green value may be defined in four globes:



energy



earth



health



water



Energy

energysmart > Reduces energy demand and produces energy

1. increased efficiency of air conditioning by use of highly efficient pvc framed insulated windows, insulated walls and roof
2. energy efficient air conditioning
3. use of compact fluorescent lamps exclusively as they generate less heat, use less energy and last longer
4. over hang to shade windows, from direct sunlight to dramatically reduce heat gain
5. solar water heating system to supply hot water to kitchens and common areas
6. mostly usage of locally quarried materials that require less energy to be transported to the site



Earth

earthsmart: conserves resources or uses recycled or sustainable materials

1. Mostly FSC certified wood to be used
2. Reduced site disturbance and soil erosion during construction
3. Broken tiles flooring on terraces to reflect heat and less transmittal of heat
4. Low VOC (volatile organic compound) paints and finishes which release few or no pollutants
5. Efficient utilization of available natural resources
6. Rain water harvesting system to be provided to recharge the earth's reservoir
7. CFC free air-conditioning



Health

healthsmart: supports healthier indoor air and water quality

1. premium quality window with proper insulation to seal the home tightly and lessen the possibility of allergens contaminating the indoor air
2. exhaust fans in kitchens and bathrooms to remove fumes and humidity in the areas, thereby reducing the chance of mold growth
3. proper ventilation in the parking area to avoid exhaust fumes and vapour migration into living areas
4. cross ventilation in public areas
5. Low VOC paints and finishes for better indoor air quality
6. walkable access to outside parks, markets and other community areas



water

watersmart: reduces water consumption, one of the most precious natural resources and protects water quality

1. extensive use of draught tolerant plants that require less water
2. use of drip irrigation
3. dual plumbing that recycles water in toilet flushing
4. minimization of waste water by utilizing water conserving fixtures such as ultra-low flush toilets and low-flow shower heads
5. the use of treated grey water in green areas
6. the use of treated grey water for flushing in toilets





10 reasons to buy a green home at Aurum

1. make a responsible choice by reducing your carbon footprint and show, that you care
2. invest in a home constructed of state-of-the-art materials and technology
3. better lighting and ventilation
4. Live in a healthier home
5. pay no more for a green home at Aurum
6. reduced water usage
7. savings in energy bills
8. be a part of one of the first few green home projects in the country
9. Low maintenance costs
10. better rental/resale value

