

Regatta Residence

Duurzaam bouwen op Bonaire





Regatta Residence is constructing all its bungalows and apartments in the most energy efficient way possible. The building system and materials used ensure the highest thermal isolation possible. In fact the same isolation values are reached as professional cold storage structures (except for the windows and doors).

Walls: All inside and outside walls are erected of hollow polystyrene blocks that are stacked like “Lego” blocks. Inside the hollow center reinforcement steel is placed and concrete is poured. After that both sides of the walls are plastered with a thickness of one inch. The result is a wall of solid reinforced concrete that is covered on both sides with insulation. The plaster insures a smooth service and more than enough fire protection.

Roofs: Beneath the roof and between the beams 4 inch sheets of polystyrene are placed and then covered with sheetrock. This way the roofs are completely isolated from the heat of the strong Caribbean sun.

All doors and windows are most of the day overshadowed by the large roof overhangs.

The result of this proven building system is the most energy efficient bungalows and apartments available on Bonaire. Especially when using air-conditioning during the day timem at least 40% less energy is needed than with traditionally constructed buildings.

For info on the supplier of these systems we refer to our partners www.grupoisotex.com



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www.regattaresidence.com