

The Brickell City Centre is a major commercial development by Swiss Properties on three city blocks in downtown Miami. The "Climate Ribbon™" is an architectural feature covering the pedestrian streetscape across distinct blocks, linking the development into a single architectural statement. It provides shelter for the shops and restaurants below and for the bridges over public roads.

HDA are designers for the Climate Ribbon™, a continuous surface of glass (11,000 m²) and architectural fabric sun-screening blades which has been fine-tuned to provide an effective microclimate within the centre, attenuating the discomfort associated with hot and humid Miami weather safely through the use of passive energy strategies. This unique urban element of the project is emblematic in both its environmental and aesthetic qualities. It shades the facades of shops and terraces directly exposed to strong sunlight and creates air circulation to improve comfort, harnessing the summer trade winds by the use of scoop features which pull gentle breezes through the public spaces.



The Climate Ribbon

USA

The Climate Ribbon designed by architect Hugh Dutton from Miami reflects solar gain, cools the centre by channeling breeze from Biscayne Bay, collects rain water and serves as a unitizing architectural feature for the centre-its art and sustainability is perfect harmony.

Innovative material

Sun-screening blades

Architectural coolin

Passive energy strat

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AND INFRASTRUCTURE



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AND COMMUNITIES

