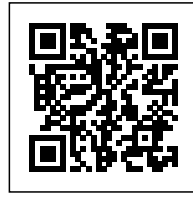




CASA SANTOS: SUSTAINABLE AND RESILIENT ARCHITECTURE

Posted on May 26, 2023 by martabuges



Categories: [Héctor Coss Arquitectos](#), [Low Density](#), [Project](#), [Technology and fabrication](#), [Urban Paradigms](#)

Tags: [Architecture](#), [Concrete](#), [Extreme environments](#), [Landscape](#), [Project](#), [Resilience](#), [Sustainable](#)

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Casa Santos: Sustainable and Resilient Architecture

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Casa Santos tries to respond to the rapid growth of the town of Todos Santos, Baja California Sur, through a sustainable, resilient architecture attuned to the natural surroundings and the urban context. It is a place for rest, reflection and daily life that participates in the dialogue between the desert of Baja California and the Pacific Ocean.



The house is made up of four single-story modules (cubes) of equal sizes: a living room with a kitchen and three bedrooms with individual bathrooms. Each of the four cubes connects with the outside through a sliding glass door that acts as a façade. From inside, it is a window and a passage toward an architecture of geometries that repeat across the desert and the sea. From outside, the glass reflects and multiplies the structures and the landscape following the rhythms of the sun, the shadows and the moon.

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The unifying element of the house is concrete tinted a "sunset pink" color. The corrugated form serves as structure and finish at the same time. The channels provide geometry and visual rhythm to the interior and exterior spaces. At the same time, the walls offer insulation in a desert that can go from hot to cold in minutes. On the façades, the ribbed surface generates shade to reduce heat during the day. The concrete offers shelter in a seismic region that is exposed to oceanic change.

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