

HOW DOES THE IDEA COME ABOUT?

The design insertion of **La Geoda** in the area will be discreet, delicate, respectful and non Geode-shaped inclined roofing covers a group of alass panels.

The inclination of the large sloped roof allows based thermal isolation system. The night area of the house is partially buried next to the basaltic wall on which the deck rests. With a privileged view, the magnificent dining room invites to let go and be driven to the horizon. allowing us to dawn in the sea and dusk in the

temperature and relative humidity with the help of the user. Comfort conditions for temperature are assumed between 21oC and 26oC and between 20% and 80% for relative humidity. All maintain the house within these parameters. bioclimatic techniques. The climatic data of the house can be accessed through a screen in the









BIOCLIMATIC STRATEGIES

The main bioclimatic strategies used in La Geoda house are:

- Glazed surface facing south allows thermal gains when needed.
- Deck over the southern facade protects from excessive radiation the spaces to enjoy during the day.
- Skyliahts in the north that contribute to illuminate the bedrooms without contributing to its warm up.
- Semi underground spaces to increase the thermal inertia of the night
- Complementary ventilation through air vents located in each room.

HOW IS THIS BIOCLIMATIC HOUSE USED?

If it's warm

- Open the doors to help cross-ventilation.
- · Lower the blinds to prevent direct sunlight.
- Shut the louvers.

if it's cold

- Raise the blinds to let the sun heat in.
- Close the doors so that the accumulated heat doesn't escape.
- Open the louvers.