



Facade position

The facade is freed from the usual requisite of distinction between inside-outside; public-private boundary or property edge. Instead it can be understood as a wide border that only has to mediate for climate and light conditions.

There are two facade line positions: one aligned with the external columns' edge; the other to the internal one. Depending on the space it encloses, one or the other position is used. The aim is to get a cold structure, meaning that no energy is wasted on treating the existing mass.

When the space is acclimatized actively, the thermal line of the facade runs before the column to avoid treating its enormous concrete mass. Simultaneously, it uses both columns and floors as sun protection against hot sun loads.

When the space is acclimatized passively, the mass of the existing is used to obtain the heat both in winter and summer. Depending on the season, natural ventilation will be used as an acclimatizing tool or not. In order to acquire protection from the sun light, there are different strategies.