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#### HERITAGE FEATURES

- Sloping Arabic tiles roof or “azoteas” (rooftops) with ceramic flooring, depending on the historic centre
- Façade, a load-bearing wall with a constant proportion of vertical openings
- Lime mortar coating
- Surface treatments and paint colour
- Windows with vertical wooden swing door and inward opening

#### TPOLOGY 1 SPAIN

## *Casa de pisos* Spanish terraced tenement building (1600–1920)

Multi-storey, multifamily residential buildings in historic centres, notable in cities like Málaga, Seville, and Cádiz, popularised in the 19th and early 20th centuries to maximise the use of urban land and also to respond to the organisational needs of a new society

#### CONSTRUCTION

Pitched roof, wooden beams, clay tiles

Solid brick walls (~50–70 cm – thick)

Wooden/timber beam floor slabs with ceramic or natural stone flooring (marble)



Mortar floor covered with ceramic tiles

Casement windows with wooden frames and single glazing

#### KÖPPEN-GEIGER CLIMATE CLASS

Warm temperate, summer dry, hot summer (Csa)

#### DISTRIBUTION

Multifamily houses and blocks built < 1945 } 3.2 % of the buildings in Spain

Multifamily dwellings in main Andalusian cities built < 1950 } 4.38 % of the whole dwelling stocks

#### ORIGINAL USE

Commercial use (ground floors) and residential use (upper levels)

#### CONTEXT

Urban

#### ENERGY PERFORMANCE RANGES

U-values [ $\text{W}/\text{m}^2\cdot\text{K}$ ]

Walls  0.76–2.75

Floor  1.07–2.60

Roof  1.73–5.00

Windows  3.92–5.47

Energy demand [ $\text{kWh}/\text{m}^2$  year]

  
Heating demand:  
59–123

  
Cooling Demand:  
50–70



Learn more about this and other typologies at [futurhist.eu](https://futurhist.eu)



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