

Memória descritiva

Sistema envolvente

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# Memória descritiva. Sistema envolvente

## 1. FACHADAS

34.5cm stucco, thermal clay façade with mineral wool (0.031W/mK)

34.5cm facing double-leaf brick façade, with thermal clay blocks. 2cm cementitious stucco mortar, 14cm thermal clay blocks, 1cm cementitious mortar screed, 4cm mineral wool (0.031 W/[mK]), 3cm air cavity, 9cm hollow brick, 1.5cm gypsum plaster.

28cm facing brick double-leaf façade with polystyrene insulation (0.029W/mK)

28cm facing brick double-leaf façade 11.5cm perforated brick, polystyrene Insulation [ 0.029 W/[mK]], 3cm air cavity, 7cm hollow brick, , 1.5cm gypsum plaster.

32cm facing brick double-leaf façade, with mineral wool (0.031W/mK)

32cm facing brick double-leaf façade 11.5cm perforated brick, 1cm cementitious mortar screed, 3cm air cavity, 9cm hollow brick, 4cm mineral wool (0.031 W/[mK]), 1.5cm gypsum plaster.

30cm EIFS façade with thermal clay blocks

30cm EIFS façade with 2.5cm ceramic cladding, 5cm exterior polystyrene insulation (0.029 W/[mK]), 14cm thermal clay block, 1cm cementitious mortar screed, 6cm mineral wool (0.031 W/[mK]), 2cm gypsum plaster.

24cm facing brick façade, with mineral wool (0.031W/mK)

24cm facing brick façade 11.5cm perforated brick, 1cm cementitious mortar screed, 3cm air cavity, 9cm hollow brick, 10cm mineral wool (0.031 W/[mK]), 1.5cm gypsum plaster.

25cm stucco façade, with mineral wool (0.031W/mK)

25cm stucco façade 11.5cm perforated brick, 1cm cementitious mortar screed, 3cm air cavity, 9cm hollow brick, 10cm mineral wool (0.031 W/[mK]), 1.5cm gypsum plaster.

15cm wall defence

15cm wall defense 11cm perforated brick, 2cm cementitious mortar screed, 11cm perforated brick, 2cm cementitious mortar screed.

## 2. COBERTURAS

53 cm flat accessible roof, non-ventilated, unidirectional floor system made with concrete beams and 53cm ceramic blocks.

Flat accessible roof, non-ventilated, unidirectional floor system made with concrete beams and 53cm ceramic blocks. Layers composed of ceramic tiles, cementitious screed, polyurethane foam panels (0.03W/[mK]), 10cm cementitious mortar substrate and 30cm thick ceramic blocks.

30 cm services flat roof, non-accessible

Flat accessible roof, non-ventilated, unidirectional floor system made with concrete beams and ceramic blocks, 5cm cementitious mortar substrate and 25cm thick ceramic blocks.

## 3. LAJES TÉRREAS

78cm foundation solid slab

78cm foundation solid slab, composed out of stoneware tiles, cementitious mortar screed, 60cm reinforced concrete solid slab, expanded polyurethane with carbon dioxide (0.034 W/[mK]) and 10cm lean concrete.

## 4. PORTAS EXTERIORES

Glazed exterior door

Glazed exterior door.

Dimensions 160 x 210cm

## 5. ENVIDRAÇADOS EXTERIORES

Double hinged window 180x120cm

Double hinged window 180x120cm

PVC frame, doubled glazed unit with air cavity

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Single fixed window 100x100cm

Single fixed window 100x100cm

PVC frame, doubled glazed unit with air cavity

Single fixed window 160x250cm

Single fixed window 160x250cm

PVC frame, doubled glazed unit with air cavity

Double hinged window 180x210cm

Double hinged window 180x210cm

PVC frame, doubled glazed unit with air cavity