

# N.E.C.

Chiusure per l'edilizia

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## LAMINATE "KLMI" INTERNAL DOOR

Internal door made of aluminium and plastic laminate leaf.

### General features:

#### • Frame:

Shaped split frame in anodised aluminium, silver coloured, 17/10 mm thick, footprint 88 x 78 mm; jambs and head assembled at the corners with the help of aluminium brackets.

The fixed frame is assembled to the wooden subframe by using steel screws and is perimetrically sealed to the subframe with polyurethane foam.

The frame includes a back part (for wall sheathing) placed on the side opposite to the front part, made with an aluminium shaped profile, thickness 15/10 mm and footprint 65 x 65 mm.

Three aluminium adjustable hinges with internal steel pin by N.E.C. Chiusure srl, diameter 16 mm and length 90 mm.

#### • Plastic laminate leaf:

- The door leaf is built using double plastic laminate, supported by 4 mm MDF and a wooden perimeter frame. The inner insulant is made of narrow-celled honeycomb cardboard forming a single monolithic block with the plastic laminate and the MDF, thanks to a hot press-bonding system (90 °C) and the use of thermosetting adhesives.

Leaf 40 mm thick. The leaf is completed by rounded profiles on the sides, which represent the thickness of the leaf itself; they are aluminium, silver coloured and anodised like the front and back parts of the frame. The lock is placed inside the leaf to be coplanar with the aluminium edge, which gives the leaf a special elegance.

#### • Available on demand with one or two leaves, symmetric or asymmetric; with fanlight.

#### • Lock:

- Lock with latch bolt, complete with a cylinder with three keys of the Yale type.

#### • Handle:

- Silver coloured return to door resin handle, complete with washers.

- **Mounting:**

- The frame is provided with holes for mounting with self-tapping screws or through dowels.

- **Available accessories and finishes:**

- Knobs of the push/open type
- Vacant/engaged sign
- Aluminium/steel handle, elongated for disabled people
- Panic bar with external devices
- Fixed handle for disabled people
- Overhead door closer
- MK cylinder (encoded cylinders)
- Silver coloured aluminium ventilation grilles
- Portholes placed in the leaf, round or rectangular with 3+3 shatterproof glass
- Glazing or blind fanlights

- **Surface finishes:**

- Aluminium elements anodised in different colours
- Aluminium elements powder painted
- Laminates in different types and colours of your choice

- **Standard single leaf types:**

Outer frame 780 x 2140 mm = Clear door opening 720 x 2110 mm

Outer frame 880 x 2140 mm = Clear door opening 820 x 2110 mm

Outer frame 980 x 2140 mm = Clear door opening 920 x 2110 mm

- **Standard double leaf types:**

Outer frame 1330 (950+450) x 2140 = Clear door opening 1270 x 2110 mm

Outer frame 1430 (950+450) x 2140 = Clear door opening 1370 x 2110 mm

Outer frame 1530 (950+550) x 2140 = Clear door opening 1470 x 2110 mm

**NOTE** - In standard types the back part of the frame must be calculated in relation to a minimum wall thickness of 10 cm, up to a maximum of 17 cm.

For wall thicknesses greater than 17 cm, extensions of 5 cm or 7.5 cm must be calculated in relation to the wall thickness.

- **Wording to be placed in contract specifications and quotations:**

Internal door with aluminium split frame and laminate leaf ("KLMI" type)

Silver coloured anodised aluminium elements; plastic laminate leaf in different types and colours of your choice.