



TECHNICAL SPECIFICATIONS

DURA 1600 MODEL



GENERAL SPECIFICATIONS

Evenly spread polyurethane insulation, metal hinged, retractable to the ceiling garage door panels.

- Aluminum coating (0,60 mm)
- Door's thickness 45 mm
- Thermal resistance coefficient R17.09

MATERIALS

Enamel aluminum: 3003 H14

- Aluminum sheet, 0.60 mm thickness, manufacturer's standard colors finish and according or superior to the following standards:
- Paint: Polyester finish according to standard A.S.T.M. D.1005. of 1,0 mils thickness.
- Surface finish: wood grain with or without horizontal board or embossed.

INSULATION

Polyurethane foam without CFCs, incorporated in between the panel's walls by a robotized spreading process with a 42.4 kg/m³ density, which has a thermal resistance factor of R17.09. That insulation is in accordance with ASTM D 1621 standard.

ANCHORS

- ANCHOR PLATES : 17 gages steel anchor plates will be inserted inside the door's panels providing proper attachment for accessories like : handles, hinges, and electric motor plates.
- PANELS ENDS : At each section's end, a piece of dried pine wood (grade 3), will be inserted, as part of the insulated section, providing a good attachment for side hinges and, at the same time, providing good thermal barrier.

STANDARD WINDOWS (if applicable)

- Double sealed clear glass.
- Overall thickness 25.4 mm: 3 mm thick glass sealed on aluminum extrusions (intercalary)
- Frame : The window is inserted into a P.V.C. frame extruded and installed at our manufacture.

SEALING

- Under each door's bottom panels, provided and installed is a U profiled extruded P.V.C. and a half-tube rubber weather strip.
- Between each panels is an intercalary P.V.C. weather strip coextruded to be flexible and stiff, which grants an efficient thermal barrier and a double seal.
- On each sides and above the door, on the exterior side, provided and installed a weather strip made of a P.V.C. retainer and a double edge strip made of arctic vinyl. The weather strip is adjustable and has a screw cover made of stiff P.V.C..



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DURA 1600 (continuation) MODEL

OPTIONS

- Section ends: 16 gages galvanized steel profiled caps, or made of the same steel as the panels, will be installed at the panels ends where the hinges are attached.
- Exhaust traps: in order to evacuate exhaust fumes with flexible hoses, traps will be installed on demand at our manufacture. 75 or 100 mm diameter are available.
- Under each door's bottom panels and on the top panel, a weather strip made of an aluminum U shape profiled retainer (on demand) and a half-tube rubber, at the bottom, and an aluminum profile with bib, for the top.

Every installation must be performed by a garage doors manufacturer's approved company, formed of qualified and experienced personnel regarding this type of work.