



MH1001B120RC4T2

High-quality fire and security door

This door provides the highest level of safety by combining both fire protection and burglary resistance in a single solution.

With 100 mm insulation, it is classified in fire resistance class EI₂120 according to EN 16034-1, offering a full 120 minutes of fire resistance with heat reduction – a documented solution that ensures optimal conditions for evacuation and provides valuable time in a critical situation. At the same time, the door is tested and certified as an RC4 security door in accordance with EN 1627, making it an exceptionally strong barrier against burglary attempts.

It can be manufactured in large dimensions and is, of course, available with different surface finishes and in any RAL colour to match your design requirements.

| MH1001B120RC4T2 | HINGED 100 MM 1-LEAF FIRE AND SECURITY DOOR WITH TOP PANEL – EI ₂ 120 / RC4 |
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| BENEFITS | <ul style="list-style-type: none"> ▪ Burglar-resistant door (RC4), certified according to EN 1627. ▪ 120 minutes of fire protection (EI₂120), certified according to EN 16034-1. ▪ Fire sealing strips mounted on the door leaf. ▪ EPDM smoke seal mounted on the frame. ▪ Solid construction with a very long service life. ▪ Requires no (or minimal) maintenance. |
| DIMENSIONS | <ul style="list-style-type: none"> ▪ Maximum width: 1390 mm. ▪ Maximum height: 2990 mm. |
| FRAME | <ul style="list-style-type: none"> ▪ 1,5 mm stainless steel (AISI 304, grain 220). ▪ 1,5 mm galvanized, painted in an optional RAL colour. ▪ Equipped with EPDM smoke seals. |
| DOOR LEAF | <ul style="list-style-type: none"> ▪ 100 mm ▪ Insulation: rockwool and gypsum ▪ Easy to clean / high hygiene standard (food safe). ▪ 1 mm stainless steel AISI 304. ▪ 1 mm acid-proof stainless steel AISI 316. ▪ 1 mm galvanized, painted in an optional RAL colour ▪ Contact us if you want other surfaces. |
| DOOR CLOSER | <ul style="list-style-type: none"> ▪ Adapted to each door. ▪ Strong construction. ▪ Standard door closer: Dorma TS 83 EN 3-6. |
| HINGES | <ul style="list-style-type: none"> ▪ Stainless steel. |
| FIRE CERTIFICATION | <ul style="list-style-type: none"> ▪ EN 16034-1. |
| SECURITY CERTIFICATION | <ul style="list-style-type: none"> ▪ EN 1627. |
| HANDLES AND LOCK CASES | <ul style="list-style-type: none"> ▪ Supplied as standard with stainless steel long plates. ▪ Long plates for lock cylinder are supplied in stainless steel. ▪ L-handles are supplied in stainless steel. ▪ Contact us if you want a different solution. |

| MH1001B120RC4T2 OPTIONAL EQUIPMENT | HINGED 100 MM 1-LEAF FIRE AND SECURITY DOOR WITH TOP PANEL – EI ₂ 120 / RC4 |
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| WATER CANOPY | <ul style="list-style-type: none"> ▪ Recommended for exterior doors. |
| DOORSTEP | <ul style="list-style-type: none"> ▪ Different variants. |
| KICKPLATES | <ul style="list-style-type: none"> ▪ Material - stainless steel AISI 304. ▪ Door width x 300 mm (standard). ▪ Door width x 500 mm (standard). ▪ Door width x 700 mm (standard). ▪ Door width x 900 mm (standard). |
| AUTOMATICS | <ul style="list-style-type: none"> ▪ Available with complete automatic kit, including safety cord. |