

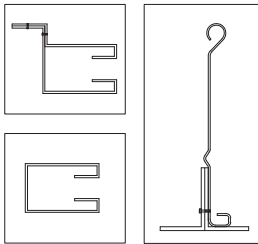
FIRE RESISTANT ROLLER SHUTTER DETAILS

NS80



E240

Profile/curtain made of galvanized interlocking roll-formed steel, single-skinned 80 mm curved slat, sheet thickness from 0.80 mm to 1.20 mm with galvanized end locks riveted to the slats maintain profile/curtain alignment and prevent wear.



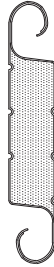
Side Guides

Rails made of galvanized steel profile, 100x70 mm dimension and 3,00 mm thickness made by press break bending method, fixing to face of wall and between Jamb's (U type and Z type) based on construction structure. Side guides can be mounted to the interior or exterior side of the wall or the jamb. Side guide assemblies bolt to fixing angles or frame steel and support the entire weight of the shutter.

Bottom Rail

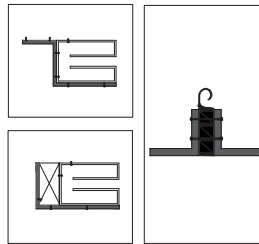
Made of galvanized steel profile with strengthened 2 pieces L -shape (40x80 mm dimension and 3,00 mm thickness) made by press break bending method.

NS100



E240

Profile/curtain made of galvanized interlocking roll-formed steel, double-skinned 100 mm flat slat, sheet thickness 2,00 mm with galvanized steel, filled with rock wool to provide heat, sound and fire insulation with end locks riveted to the slats maintain profile/curtain alignment and prevent wear.



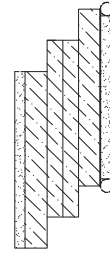
Side Guides

Rails made of galvanized steel profile, 100x70 mm dimension and 3,00 mm thickness made by press break bending method, fixing to face of wall and between Jamb's (U type and Z type) based on construction structure. Side guides can be mounted to the interior or exterior side of the wall or the jamb. Side guide assemblies bolt to fixing angles or frame steel and support the entire weight of the shutter.

Bottom Rail

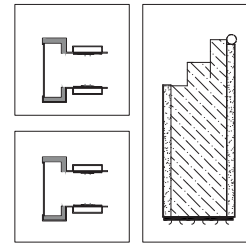
Made of galvanized steel profile with strengthened 2 pieces L -shape (40x80 mm dimension and 3,00 mm thickness) made by press break bending method.

NS170



E1120

Profile/curtain made of galvanized interlocking roll-formed steel, double-walled 170 mm flat slat which made by press break bending method, Sheet thickness 100 mm with galvanized steel, filled with board and ceramic wool to provide heat, sound and fire insulation with end locks riveted to the slats maintain profile/curtain alignment and prevent wear.



Side Guides

Rails made of galvanized steel profile, 200x200 mm dimension and 3,00 mm thickness made by press break bending method, fixing to face of wall and between Jamb's U type based on construction structure. Side guides can be mounted to the interior or exterior side of the wall or the jamb. Side guide assemblies bolt to fixing angles or frame steel and support the entire weight of the shutter. There are also a 90 mm wide fire seal and acoustic seal inside side guide rails.

Bottom Rail

Made of galvanized steel profile with 100x230 mm dimension and 1,00 mm thickness made by press break bending method. It has a fire resistance board inside and equipped with a 90 mm wide fire seals and acoustic seals at the point of contact with the ground.