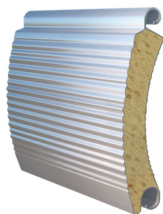


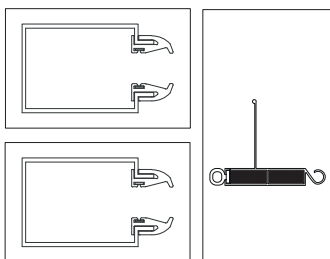
# THERMAL INSULATED / WIND RESISTANT ROLLER SHUTTER DETAILS

## NS90



**U = 4.8 W (m<sup>2</sup>.K) ⓘ**

Profiles/curtains made of galvanized interlocking roll-formed steel, double-skinned, sheet thickness 0,90 mm (0,45 + 0,45 mm), 96 mm curve slat with polyurethane foam insulating core.



### Side Guides

Rails made of galvanized steel profile, 120x70 mm dimension and 2,00 mm thickness made by press break bending method, fixing to face of wall and between jambs 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.

### Bottom Rail

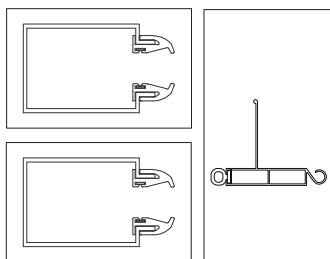
Bottom rail made of extruded aluminium deflection-resistant bottom profile with cornerpiece part. Profile/curtain is filled with standard or high density polyurethane foam to provide heat insulation. The flexible and elastic whether rubber seal for optimal compensation of floor irregularities.

## NS100



**U = 5.2 W (m<sup>2</sup>.K) ⓘ**

Profiles/curtains made of galvanized interlocking roll-formed steel, double-skinned, sheet thickness 2,00 mm (1,00 + 1,00 mm), 100 mm flat slat with polyurethane foam insulating core.



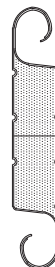
### Side Guides

Rails made of galvanized steel profile, 120x70 mm dimension and 2,00 mm thickness made by press break bending method, fixing to face of wall and between jambs 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.

### Bottom Rail

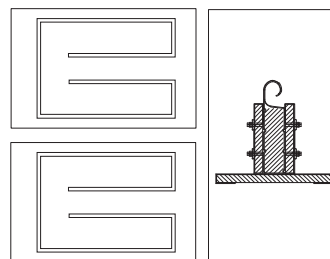
Bottom rail made of extruded aluminium deflection-resistant bottom profile with cornerpiece part. The flexible and elastic whether rubber seal for optimal compensation of floor irregularities.

## NS100



**CLASS 5 ⓘ**

Profiles/curtains made of galvanized interlocking roll-formed steel, double-skinned, sheet thickness from 1,40 mm to 2,00 mm, 100 mm flat slat with infilled special high performance insulation sound barrier materials.



### Side Guides

Made of galvanized steel G type profiles, 175x125mm dimension and 5,00mm thickness made by press break bending method.

### Bottom Rail

Made of galvanized steel profile with strengthened 2 pieces L-shape (66x70 mm dimension and 10,00 mm thickness) made by press break bending method.