



Valdinox

THE CABLE TRAY COMPANY

Technical Datasheet

SE 100-600

Reinforced fast support for wall clic

EGCLICK



Contents

| | |
|---|---|
| 1. General Characteristics..... | 3 |
| 2. Materials / Finishes | 3 |
| 3. Specific characteristics..... | 4 |
| 4. Safe Working Load Capacity (SWL)..... | 5 |
| 5. EASYCONNECT® Cable Basket Trays Corresponding..... | 6 |
| 6. Installation Instructions | 6 |
| 7. Drawings | 7 |

1. General Characteristics

Product references: SE100; SE150; SE200; SE300; SE400; SE500; SE600

Definition: Reinforced fast support for wall clic.

Support used for wall installations.

High resistance and workload capacity support: high quality manufacturing processes.

2. Materials / Finishes



Sendzimir Galvanized, also called Pre-Galvanized, according to UNE-EN 10346

| | |
|----------------------|-------------------------------------|
| Material | Steel DX51D + Z275 MAC |
| Tensile Strength | 36,7 Kg/ mm ² |
| Yield Strength | 30,6 Kg/ mm ² |
| Corrosion Resistance | Classified 3 according to IEC 61537 |



Hot Dip Galvanized coating according to ISO 1461, covering the steel sheet with a previous sendzimir galvanized coating

| | |
|----------------------|-------------------------------------|
| Material | Steel DX51D + Z275 MAC |
| Tensile Strength | 36,7 Kg/ mm ² |
| Yield Strength | 30,6 Kg/ mm ² |
| Corrosion Resistance | Classified 8 according to IEC 61537 |



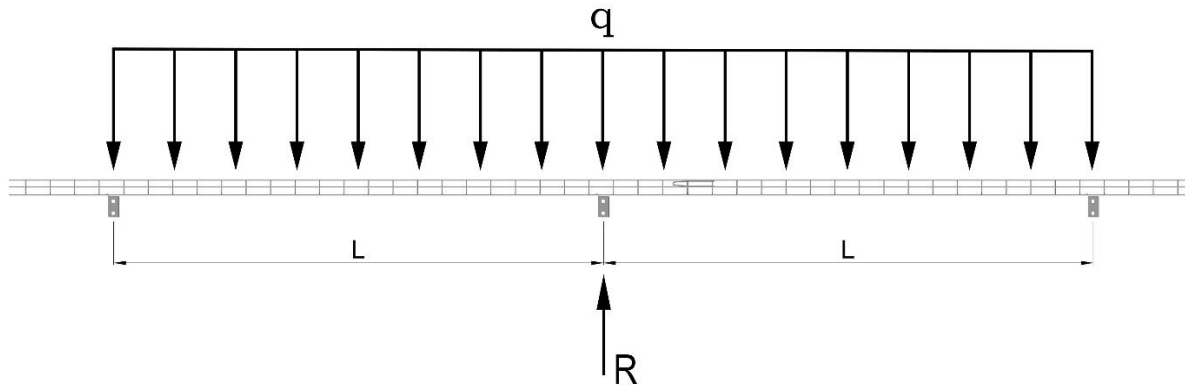
Austenitic Stainless Steel, with a passivation process to remove all particles and contaminants of the manufacturing process

| | |
|----------------------|---|
| Material | Stainless steel (passivated) - AISI 304 or 316L |
| Tensile Strength | 79,3 Kg/ mm ² |
| Yield Strength | 71,3 Kg/ mm ² |
| Corrosion Resistance | Classified 9D according to IEC 61537 |

3. Specific characteristics

| Ref. Code | Height (mm) | Length (mm) | Thickness (mm) | Weight (Kg/unit) | Package (units) |
|-----------|-------------|-------------|----------------|------------------|-----------------|
| SE100SG | 86 | 141 | 2 | 0,263 | 10 |
| SE150SG | 86 | 190 | 2 | 0,338 | 10 |
| SE200SG | 86 | 241 | 2 | 0,413 | 10 |
| SE300SG | 111 | 341 | 2 | 0,640 | 10 |
| SE400SG | 121 | 441 | 2 | 0,940 | 5 |
| SE500SG | 162 | 541 | 2 | 1,356 | 5 |
| SE600SG | 159 | 641 | 2 | 1,521 | 5 |
| SE100HDG | 86 | 141 | 2 | 0,302 | 10 |
| SE150HDG | 86 | 190 | 2 | 0,389 | 10 |
| SE200HDG | 86 | 241 | 2 | 0,475 | 10 |
| SE300HDG | 111 | 341 | 2 | 0,736 | 10 |
| SE400HDG | 121 | 441 | 2 | 1,081 | 5 |
| SE500HDG | 162 | 541 | 2 | 1,559 | 5 |
| SE600HDG | 159 | 641 | 2 | 1,749 | 5 |
| SE100IN | 86 | 141 | 2 | 0,263 | 10 |
| SE150IN | 86 | 190 | 2 | 0,338 | 10 |
| SE200IN | 86 | 241 | 2 | 0,413 | 10 |
| SE300IN | 111 | 341 | 2 | 0,640 | 10 |
| SE400IN | 121 | 441 | 2 | 0,940 | 5 |
| SE500IN | 162 | 541 | 2 | 1,356 | 5 |
| SE600IN | 159 | 641 | 2 | 1,521 | 5 |

4. Safe Working Load Capacity (SWL)



$$R = \frac{5qL}{4}$$

$R \rightarrow$ Reaction forces at the support due to the forces acting on the cable tray.

$q \rightarrow$ Maximum load should be the tested SWL [Safe Working Load] of the appropriate EASYCONNECT® Cable Tray according to the used support.

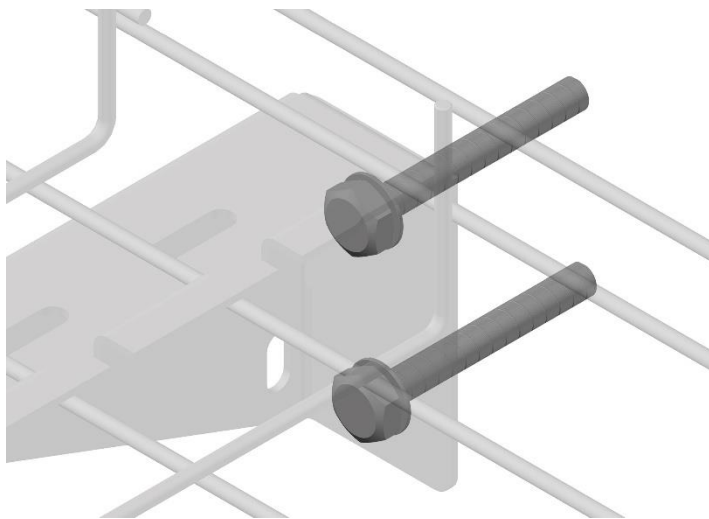
$L \rightarrow$ Distance between supports should not be higher than 2 meters.

| Support Reference | R (L=1m) (N/m) | R (L=1,5m) (N/m) | R (L=2m) (N/m) |
|-------------------|----------------|------------------|----------------|
| SE100 | 513 | 705 | 605 |
| SE150 | 842 | 975 | 897 |
| SE200 | 928 | 1078 | 997 |
| SE300 | 1102 | 1284 | 1200 |
| SE400 | 1276 | 1490 | 1400 |
| SE500 | 1448 | 1696 | 1602 |
| SE600 | 1622 | 1903 | 1802 |

5. EASYCONNECT® Cable Basket Trays Corresponding

| Support Reference | EASYCONNECT® EC30 Cable Basket Tray Ref. | EASYCONNECT® EC60 Cable Basket Tray Ref. | EASYCONNECT® EC100 Cable Basket Tray Ref. |
|-------------------|--|--|---|
| SE100 | EC30.100 | EC60.100 | -- |
| SE150 | EC30.150 | EC60.150 | EC100.150 |
| SE200 | EC30.200 | EC60.200 | EC100.200 |
| SE300 | EC30.300 | EC60.300 | EC100.300 |
| SE400 | -- | EC60.400 | EC100.400 |
| SE500 | -- | EC60.500 | EC100.500 |
| SE600 | -- | EC60.600 | EC100.600 |

6. Installation Instructions



To anchor this support to a wall, it's convenient to use screws, due to the perforated holes which provides.

Thanks to EC-CLICK system, every EASYCONNECT® wire cable trays are easy to install on this support, choosing previously the correct support size depending on the width of the cable tray to install.

7. Drawings

