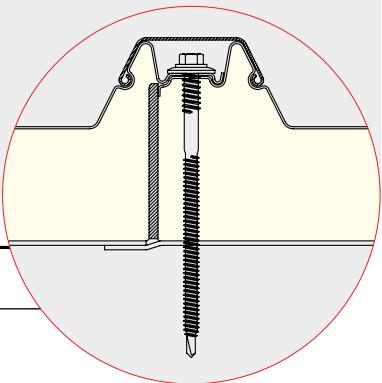
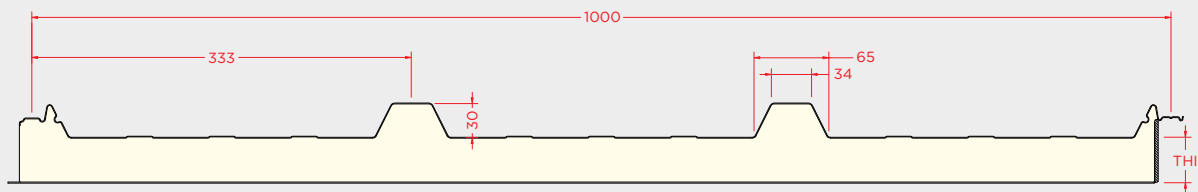




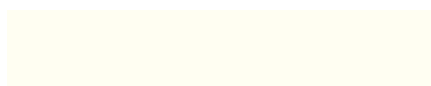
|                  |                                                                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Designation      | Agrotop® Cap.                                                                                                                                                                                                                                             |
| Description      | Hidden fixing roof panel with an interior face made of fiberglass-reinforced polyester resin sheet.<br>Insulation solution with an exterior profiled metal sheet and an interior flexible sheet, joined by an insulating core of rigid polyurethane foam. |
| Application      | Roofs of agricultural buildings or facilities exposed to corrosive environments.                                                                                                                                                                          |
| Dimensions*      | Thicknesses: 30-40-50-60-80-100 mm ±2 mm<br>Width: 1000 mm ±2 mm<br>Length: 4,00 – 14,00 m ±10 mm<br>Maximum recommended length: 12,00 m                                                                                                                  |
| Metallic support | Steel grade S250GD, EN 10346<br>Organic coating lacquered coils: EN 10169+A1<br>Thicknesses: 0,4-0,5-0,6-0,7 mm                                                                                                                                           |
| Insulated core   | Polyurethane (PUR)<br>Thermal conductivity: 0,0207 W/m °C<br>Density: 40 kg/m³                                                                                                                                                                            |
| Coating          | Standard: Polyester paint 25 µm<br>Specials: Granite HDX 55 µm   PVDF 35 µm<br>Polyester sheet with fiberglass on the inside.                                                                                                                             |

*\*Tolerances according to EN 14509  
Panel with undeclared performance: F rating  
W/m K = W/m °C | W/m² K = W/m² °C*

## Color range

The colors displayed in the catalog meet our standards as accurately as possible. However, minor variations are inevitable, which is why we recommend that you always perform a color test using an actual sample.

RAL 9010 Pure white



RAL 9006 White aluminium



RAL 9004 Signal black



RAL 7022 Umbra grey



RAL 7016 Anthracite grey



RAL 7012 Basalt grey



RAL 6005 Moss green



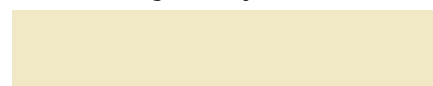
RAL 5010 Gentian blue



RAL 3009 Oxide red



RAL 1015 Light ivory



## Thermal behavior and weights

| Thickness                                | mm      | 30   | 40   | 50   | 60   | 80   | 100  |
|------------------------------------------|---------|------|------|------|------|------|------|
| Thermal transmittance, U (EN 14509 A.10) | W/m² °C | 0,63 | 0,48 | 0,39 | 0,33 | 0,25 | 0,20 |
| Weight (Steel sheet   Thickness 0,5)     | Kg/m²   | 5,9  | 6,3  | 6,7  | 7,1  | 7,9  | 8,7  |

W/m K = W/m °C | W/m² K = W/m² °C

## Load/Span tables

### Steel sheet | Thicknesses 0,4/0,5/0,6

Simple support conditions

| Thickness | Load | Uniformly distributed loads [kN/m²]   Span L [m] |      |      |      |      |      |      |      |      |      |  |
|-----------|------|--------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------------------------------------------------------------|
| mm        | ▲ ▼  | 1,00                                             | 1,25 | 1,50 | 1,75 | 2,00 | 2,25 | 2,50 | 2,75 | 3,00 | 3,25 | 3,50                                                                                  |
| 0,4       | ▲    | 1,31                                             | 0,85 | 0,60 | 0,44 | 0,33 |      |      |      |      |      |                                                                                       |
|           | ▼    | 1,34                                             | 0,92 | 0,63 | 0,40 |      |      |      |      |      |      |                                                                                       |
| 0,5       | ▲    | 1,65                                             | 1,08 | 0,76 | 0,56 | 0,43 | 0,34 |      |      |      |      |                                                                                       |
|           | ▼    | 1,89                                             | 1,28 | 0,88 | 0,58 |      |      |      |      |      |      |                                                                                       |
| 0,6       | ▲    | 2,19                                             | 1,44 | 1,02 | 0,76 | 0,59 | 0,46 | 0,37 | 0,31 |      |      |                                                                                       |
|           | ▼    | 2,81                                             | 1,89 | 1,30 | 0,87 | 0,47 |      |      |      |      |      |                                                                                       |

▲ Ascending load ▼ Descending load

Multiple support conditions

| Thickness | Load | Uniformly distributed loads [kN/m²]   Span L [m] |      |      |      |      |      |      |      |      |      |  |
|-----------|------|--------------------------------------------------|------|------|------|------|------|------|------|------|------|---------------------------------------------------------------------------------------|
| mm        | ▲ ▼  | 1,00                                             | 1,25 | 1,50 | 1,75 | 2,00 | 2,25 | 2,50 | 2,75 | 3,00 | 3,25 | 3,50                                                                                  |
| 0,4       | ▲    | 1,06                                             | 0,84 | 0,63 | 0,45 | 0,34 |      |      |      |      |      |                                                                                       |
|           | ▼    | 1,06                                             | 0,84 | 0,60 | 0,44 | 0,33 |      |      |      |      |      |                                                                                       |
| 0,5       | ▲    | 1,50                                             | 1,19 | 0,88 | 0,64 | 0,48 | 0,37 |      |      |      |      |                                                                                       |
|           | ▼    | 1,50                                             | 1,08 | 0,76 | 0,56 | 0,43 | 0,34 |      |      |      |      |                                                                                       |
| 0,6       | ▲    | 2,24                                             | 1,78 | 1,30 | 0,95 | 0,71 | 0,56 | 0,44 | 0,36 |      |      |                                                                                       |
|           | ▼    | 2,19                                             | 1,44 | 1,02 | 0,76 | 0,59 | 0,46 | 0,37 | 0,31 |      |      |                                                                                       |