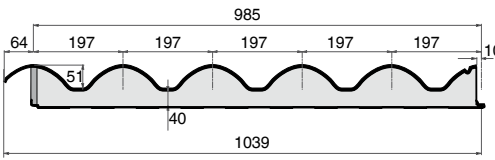

Chapa Teja
Cubiertas y Fachadas

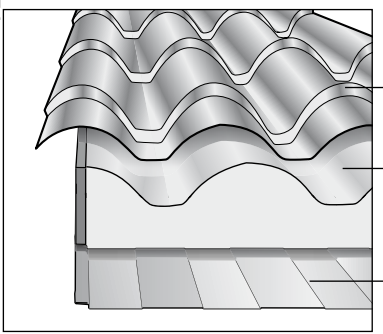
TECHNICAL DATA SHEET

IsoCoppo Flat



Made in:

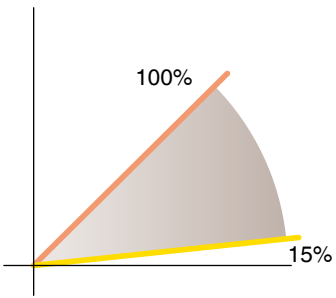
- **Prepainted aluminium**
- **Prepainted steel**
- **Copper**



	copper	aluminium	prepainted steel
top profile	0,6	0,7	0,5
insulating material	40	40	40
bottom profile	0,4	0,4	0,4
cladding	natural	prep.polyester	prep.polyester

IsoCoppo Flat

Range of application



Isocoppo can be used on roofs with a minimum slant of up to 15%

Thermal charcacteristics

Unit of measure	Heat transmission rate (U)
W/m²K	**0,348**

(referred to an average thichness of 65 mm)

Reaction to fire

Reaction to fire:

Class 1 (one)

according to Italian Ministerial Decree of 2/06/1984

PERMITTED LOAD CAPACITIES ISOCOPPO FLAT PANEL
consisting of:

- laminated on the top in steel, 0,5 mm thick
- laminated on the bottom in steel, 0,4 mm thick

gap (m)	permitted load capacity daN/m^2
1,5	334
2,0	195
2,5	101

Load uniformly distributed expressed in daN/m^2 for double span and downward loads. Assessments as per the ICITE technical report number 3962/RT/05, applying a safety factor of 1,5 to the load corresponding to the straining equal to 1/200 of the gap.

The contents of this calculation table are to be considered approximate and purely indicative. The structural calculation is the task of the designer and/or user in each single case that also has to determine the application design specifications for the roofing in question.

PERMITTED LOAD CAPACITIES ISOCOPPO FLAT PANEL
consisting of:

- laminated on the top in steel, 0,7 mm thick
- laminated on the bottom in steel, 0,4 mm thick

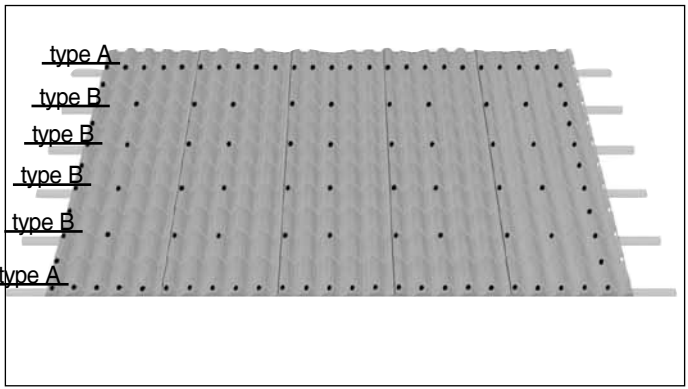
gap (m)	permitted load capacity daN/m^2
1,5	180
2,0	167
2,5	93

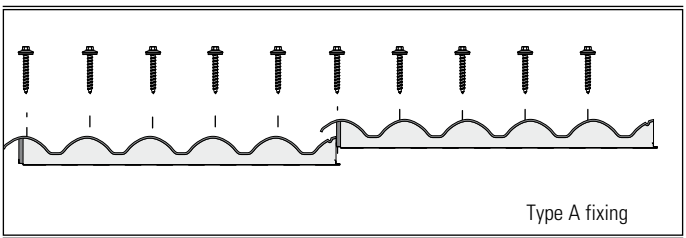
Load uniformly distributed expressed in daN/m^2 for double span and downward loads. Assessments as per the ICITE technical report number 3962/RT/05, applying a safety factor of 1,5 to the load corresponding to the straining equal to 1/200 of the gap.

The contents of this calculation table are to be considered approximate and purely indicative. The structural calculation is the task of the designer and/or user in each single case that also has to determine the application design specifications for the roofing in question.

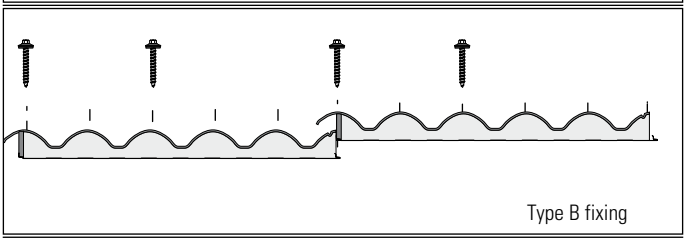
IsoCoppo Flat

Fixing





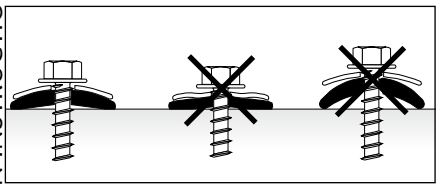
Type A fixing



Type B fixing

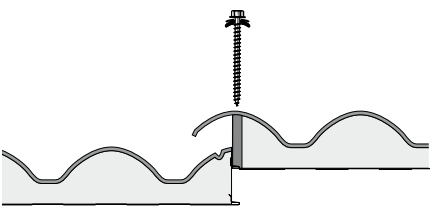
IsoCoppo Flat

Tips to fix the sheets correctly

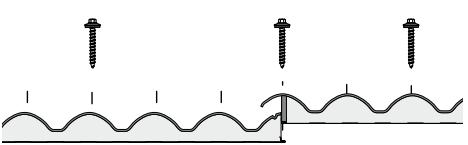


The Alublok Fixing system
With its special EPDM seal, the Alublok Fixing system ensures excellent results, especially when dealing with thermal expansion issues with the sheets.

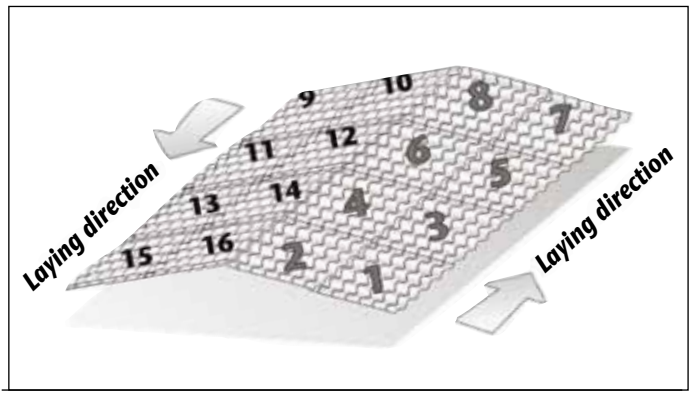
Lateral overlapping, phase A



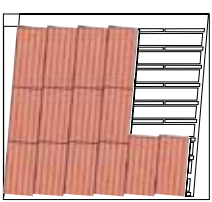
Lateral overlapping, phase B



Laying the sheets

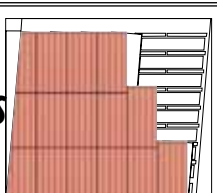


NO



This (no good!) drawing shows sheets laid on an offset roof and where parallelism has been maintained on the side instead of the gutter angle.

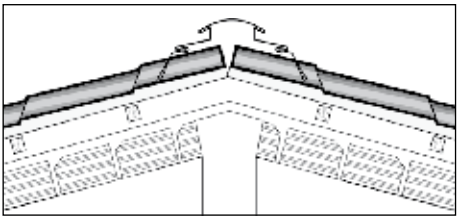
YES



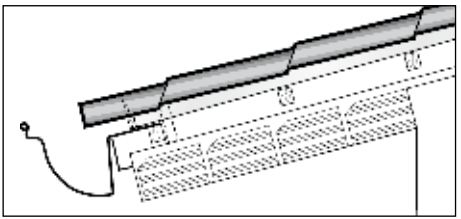
Laying at a 90° angle from the gutter line

IsoCoppo Flat

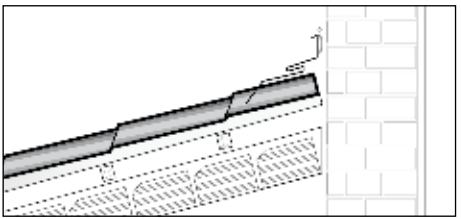
Applications



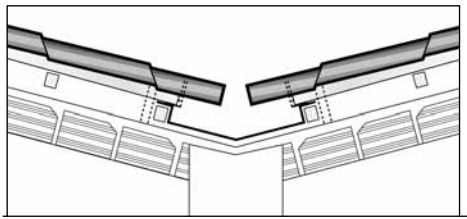
Ridge detail



Gutter detail

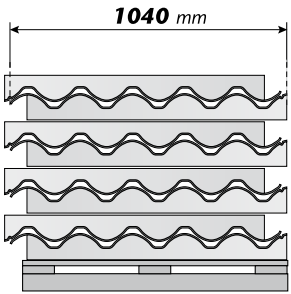


Wall connection



Converse detail

Storage



about 8 panels