



**IsaCoppo**

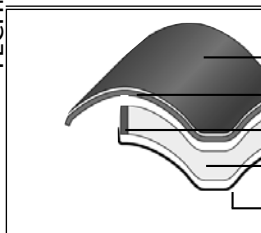
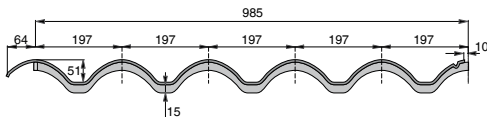


# IsoCoppo

TECHNICAL DATA SHEET

Made in:

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



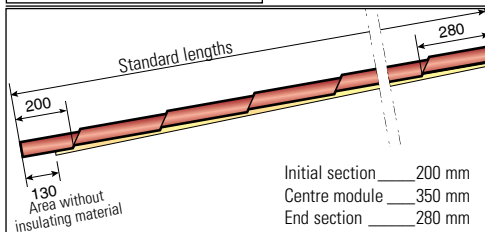
Tile-coloured protective polyester layer

Top metal sheet

Elastic sealing tape

15 mm insulating layer

Bottom support in aluminium



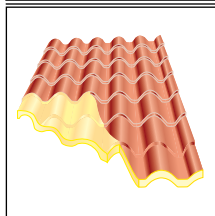
### Standard lengths

2.230 mm

2.580 mm

3.280 mm

3.980 mm



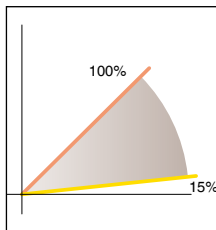
Density	60 kg/m <sup>3</sup>
Heat transmission rate U	1,650 W/m <sup>2</sup> k
Aluminium IsoCoppo weight	3,2 kg/m <sup>2</sup>
Steel IsoCoppo weight	5,7 kg/m <sup>2</sup>

## Isocoppo

Consultation table for use sheet lengths				
assumed pitch length	length of the sheets to use			
4330	2230	2230		
4680	2580	2230		
5030	2580	2580		
5380	3280	2230		
5730	3280	2580		
6080	3980	2230		
6430	3280	3280		
6780	2580	2230	2230	
7130	3980	3280		
7480	3280	2230	2230	
7830	3280	2580	2230	
8180	3280	2580	2580	
8530	3280	3280	2230	
8880	3980	2580	2580	
9230	2580	2580	2230	2230
9580	3280	3280	3280	
9930	3980	3980	2230	
10280	3980	3280	3280	
10630	3980	2580	2230	2230
10980	3980	2580	2580	2230
11330	3980	2580	2580	2580
11680	3980	3280	2580	2230
11680	3980	3980	3980	

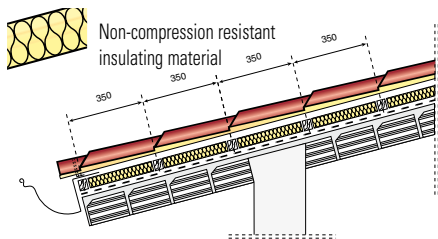
### Range of application

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

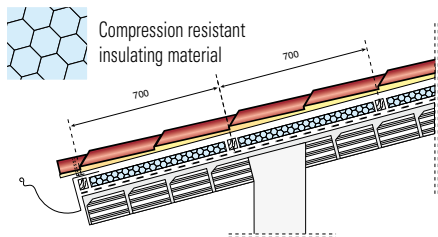


# Isocoppo

TECHNICAL DATA SHEET



If you are using an insulating material that is not resistant to compression then the centre distance of the framework must be every 350 mm.



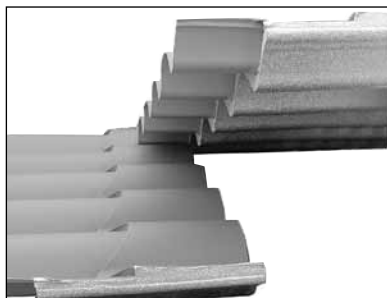
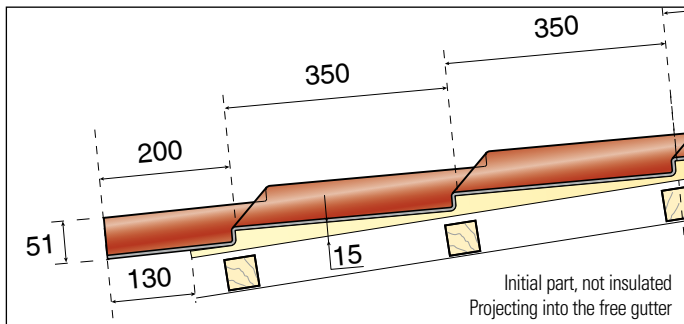
If the supporting surface is continuous with no air gap, the framework centre distance can be every 700 mm with compression resistant insulating material.

## Comparative acoustic test of the noise level (dB) from a surface impact

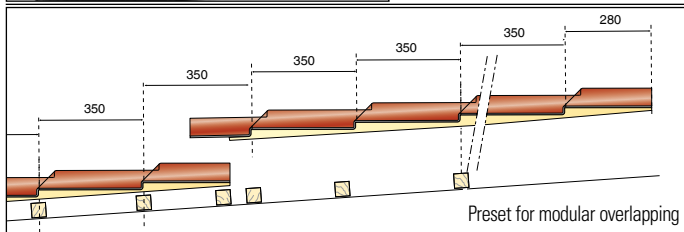
	Ball rate g/sec	Frequencies Hz						A
		125	250	500	1000	2000	4000	
Aluminium IscCoppo	13,3 g/sec	60,9	63,6	68,1	78,3	83,7	90,6	92,6
	11,4 g/sec	56,8	59,9	65,4	75,4	80,4	87,7	89,6
	8,0 g/sec	50,7	53,6	59,0	68,5	73,7	80,6	82,7
Aluminium II Coppo di Alubel	13,3 g/sec	63,3	67,3	73,5	80,5	87,5	93,7	95,8
	11,4 g/sec	60,5	65,3	72,0	78,8	86,1	92,1	94,2
	8,0 g/sec	57,5	62,4	69,0	75,7	82,8	88,9	91,0

## Isocoppo

### Modular overlapping



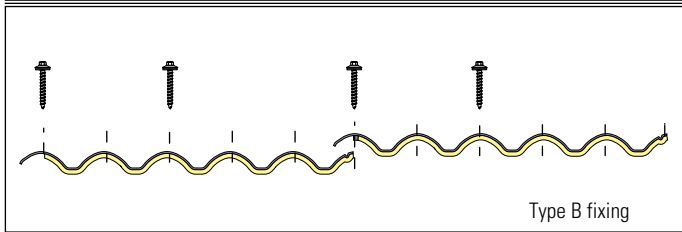
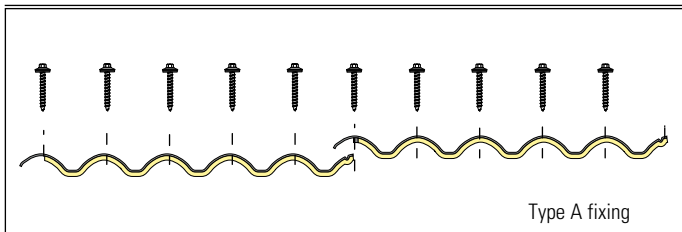
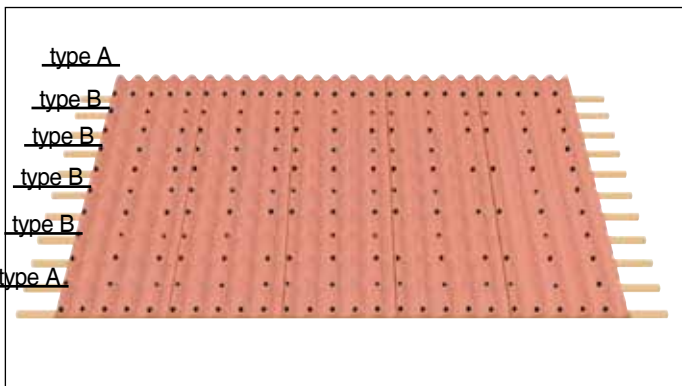
Sheet designed for overlapping  
(without having to manually remove  
the insulating material)



# Isocoppo

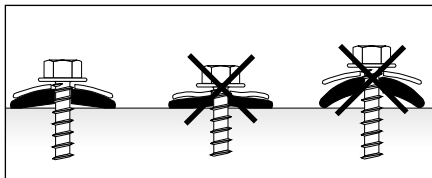
## Fixing

INSTALLATION INSTRUCTIONS



## Isocoppo

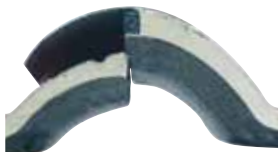
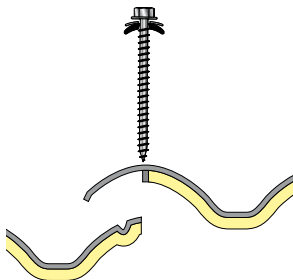
### Tips to fix the sheets correctly



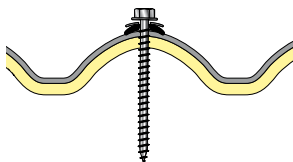
#### The Alublok Fixing system

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



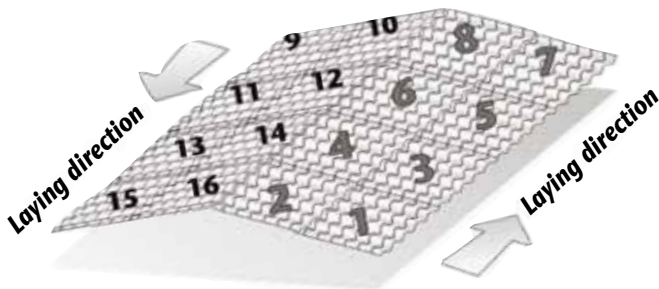
Lateral overlapping, phase B



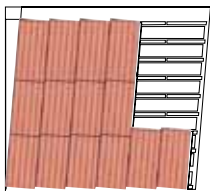
## Isocoppo

### Laying the sheets

INSTALLATION INSTRUCTIONS

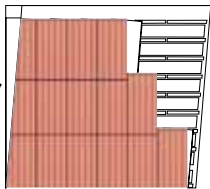


**NO**



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**

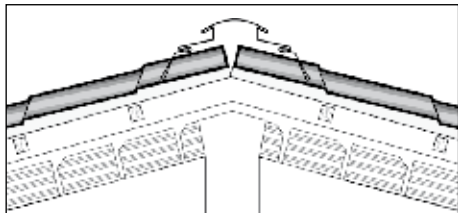


Laying at a 90° angle from the gutter line

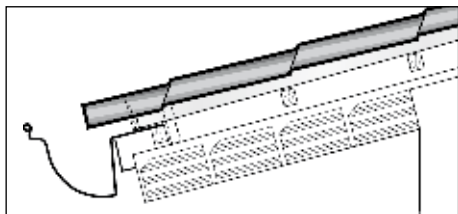


## Isocoppo

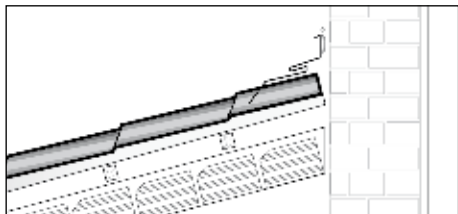
### Applications



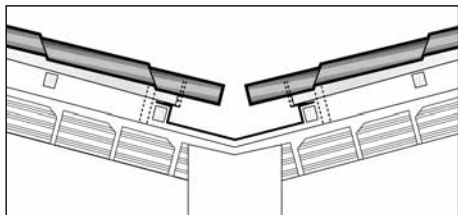
*Ridge detail*



*Gutter detail*



*Wall connection*



*Converse detail*

## Isocoppo

STORAGE

