

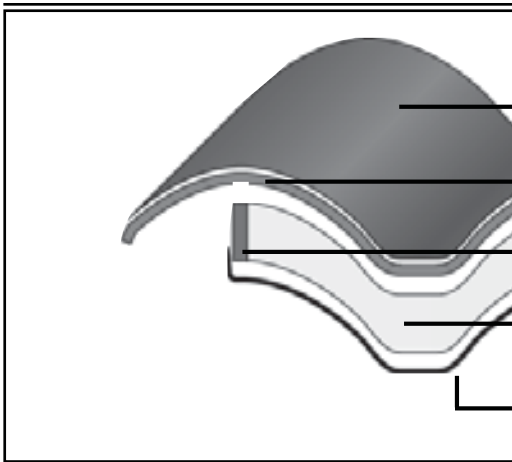
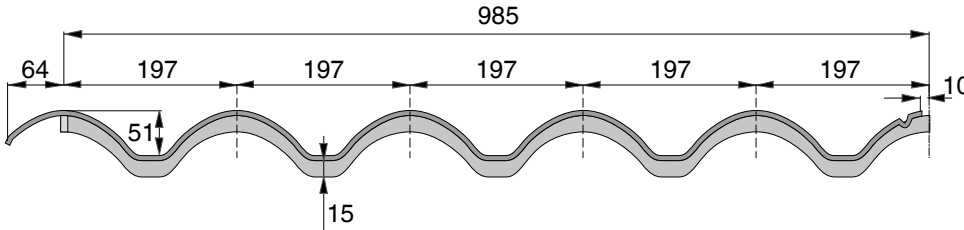
**IsaCoppo**  
*Tek*

# IsoCoppo Tek

TECHNICAL DATA SHEET

Made in:

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



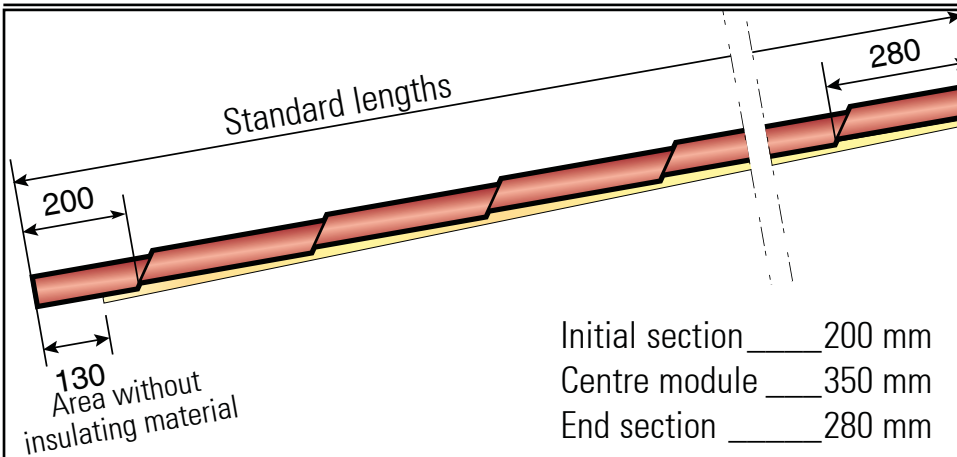
Tile-coloured protective polyester layer

Top metal sheet

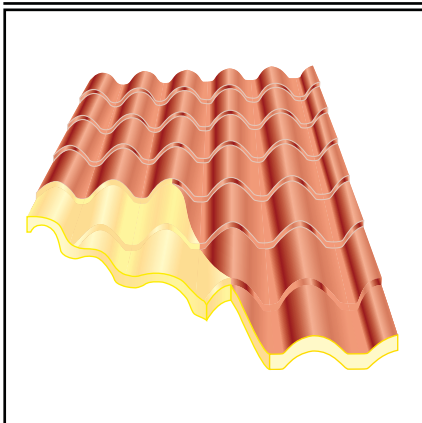
Elastic sealing tape

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 Tek weight	3,2 kg/m <sup>2</sup>
Steel IsoCoppo Tek weight	5,7 kg/m <sup>2</sup>

# IsoCoppo Tek

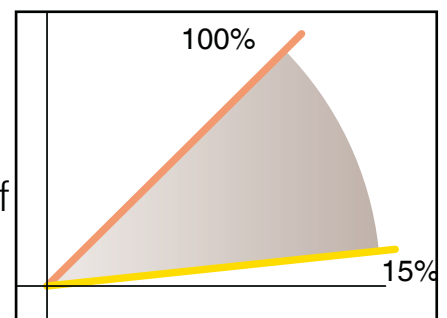
## CONSULTATION TABLE FOR USE SHEET LENGTHS

assumed pitch length (mm)	length of the sheets to use (mm)			
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	

TECHNICAL DATA SHEET

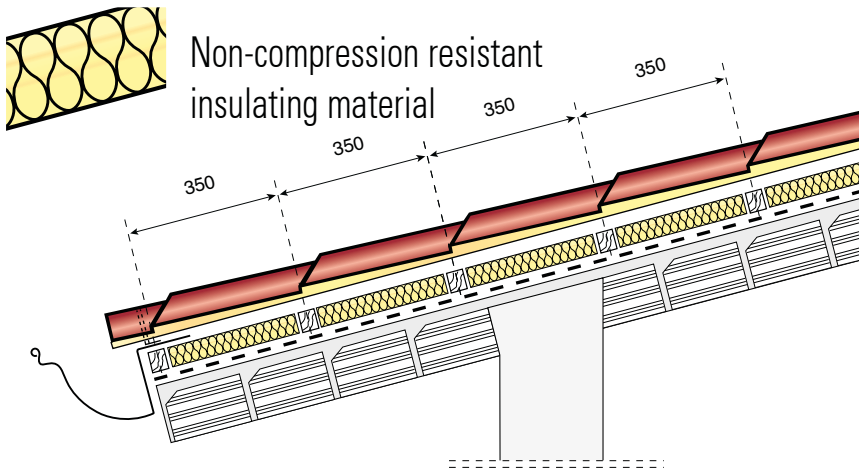
### RANGE OF APPLICATION

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

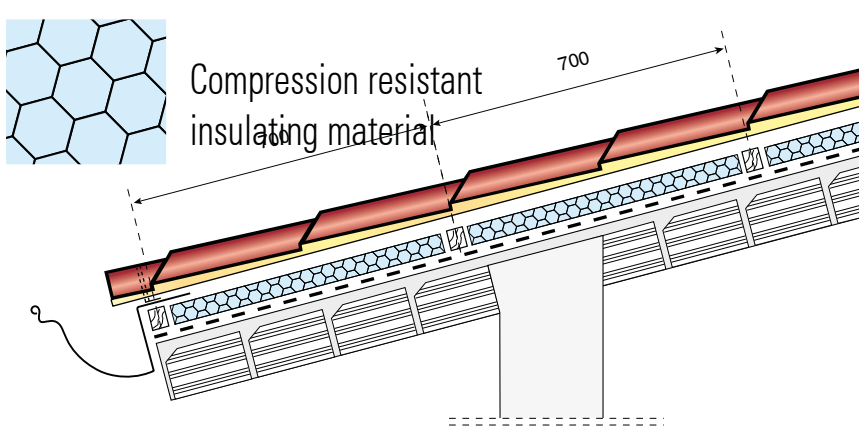


# IsoCoppo Tek

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

## PERMITTED UNIFORM LOAD [kg/m<sup>2</sup>] ON 4 SUPPORTS

The maximum centre distance of the supports for using the IsoCoppo Tek panel was calculated by tests carried out in a research centre.

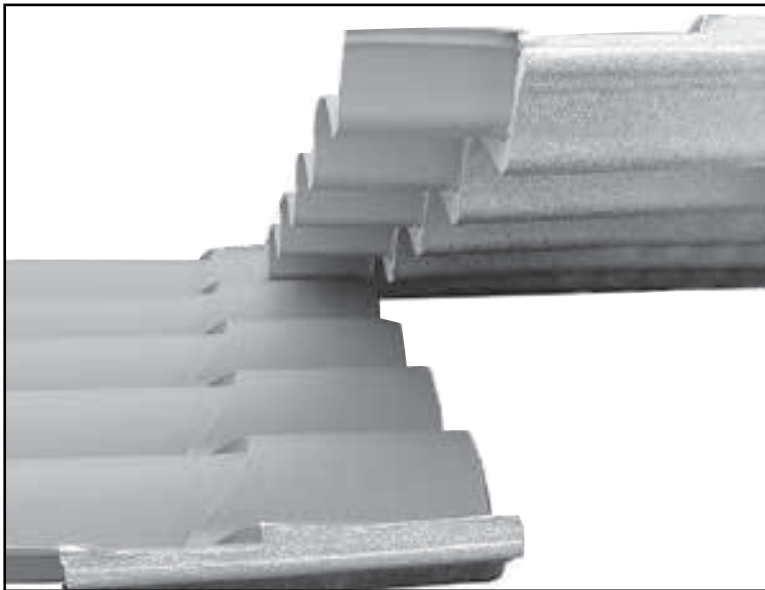
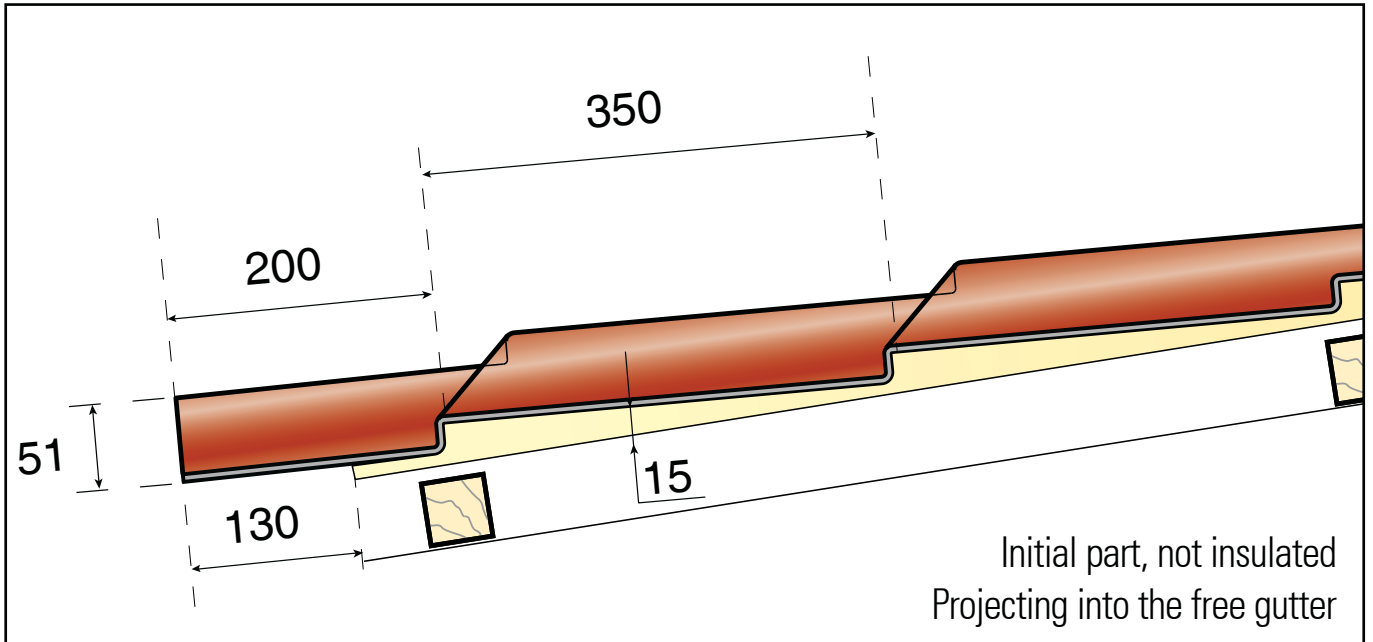
External support	centre distance between supports [mm]	Permitted load [kg/m <sup>2</sup> ]
Prepainted steel 0,5 mm	1050	200
Prepainted aluminium 0,7 mm	1050	150
Copper 0,6 mm	1050	230

Note: load test on four supports using the number of suitable fixings stated in the catalogue

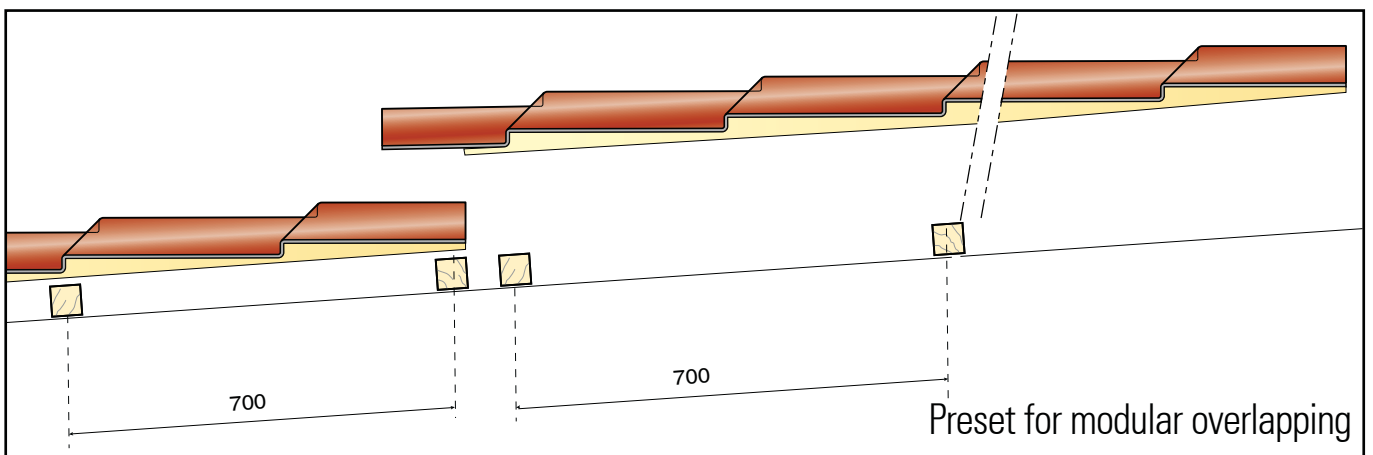
# IsoCoppo Tek

## MODULAR OVERLAPPING

INSTALLATION INSTRUCTIONS



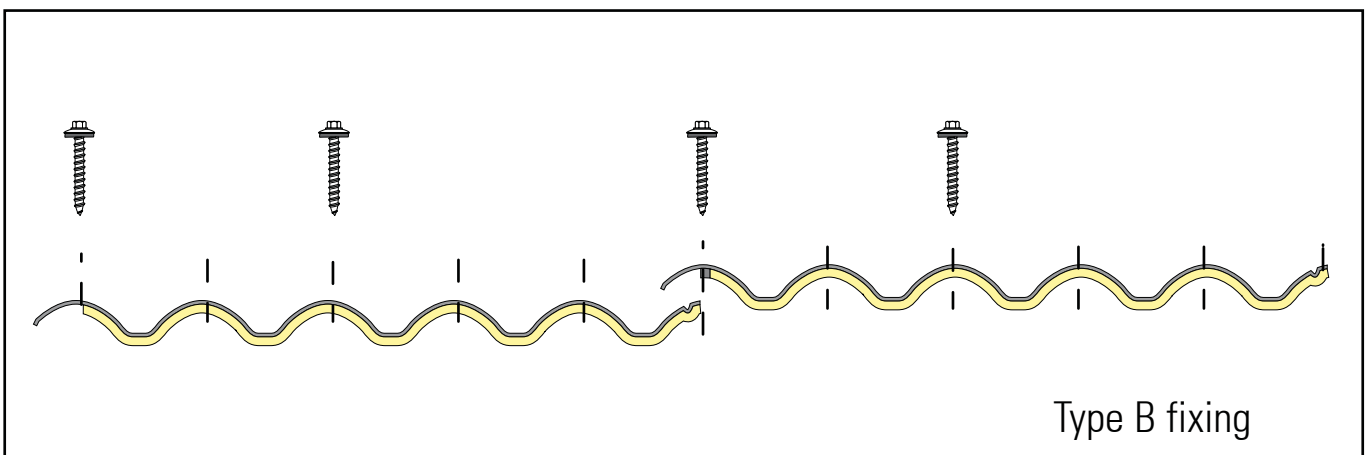
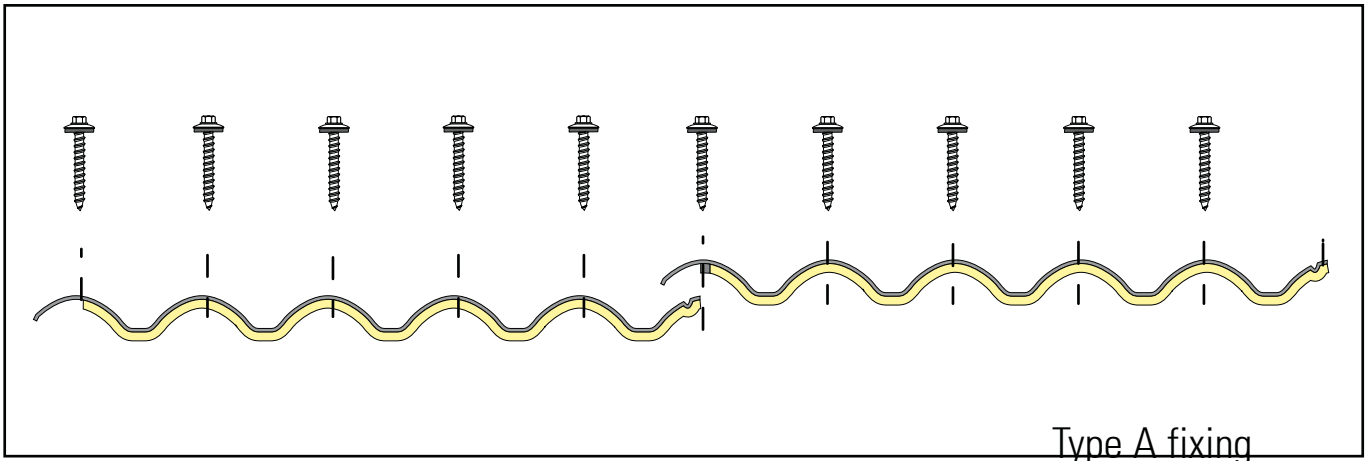
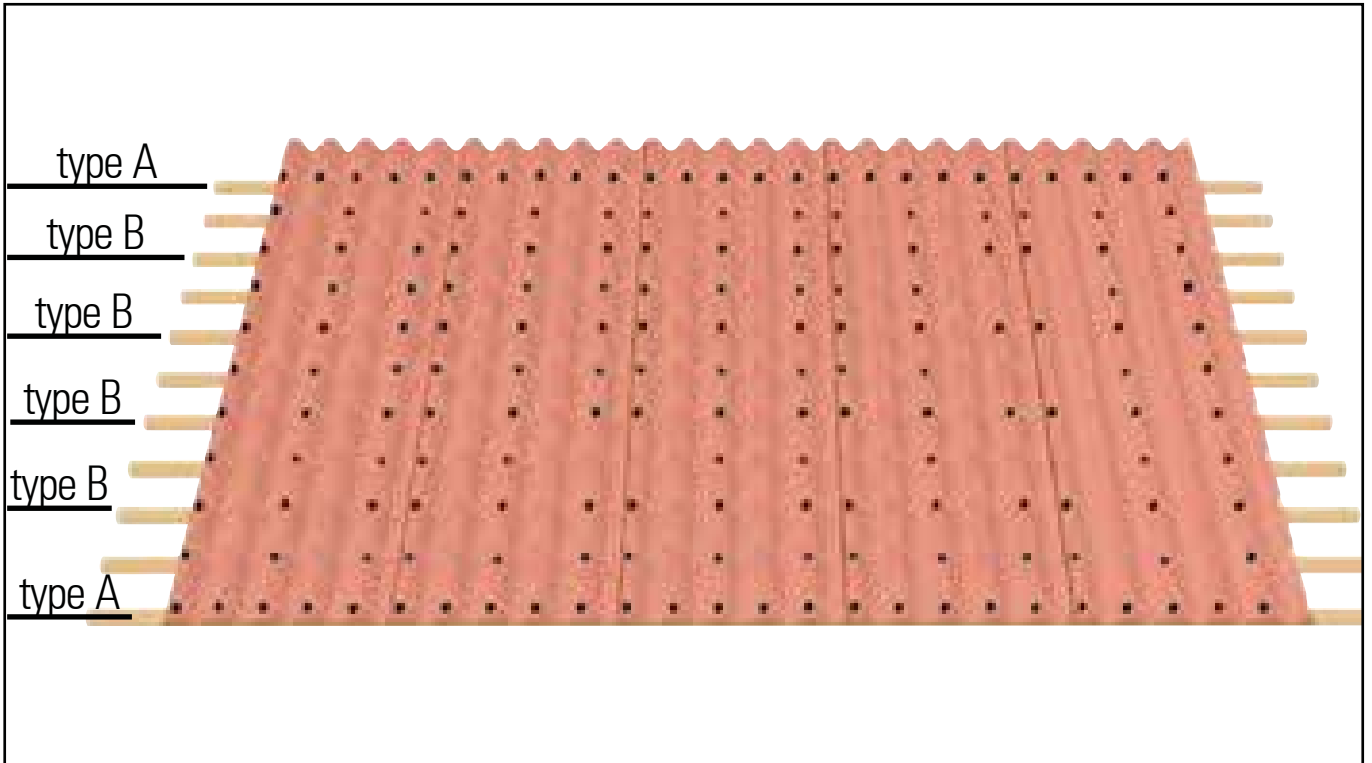
Sheet designed for overlapping (without having to manually remove the insulating material)



# IsoCoppo Tek

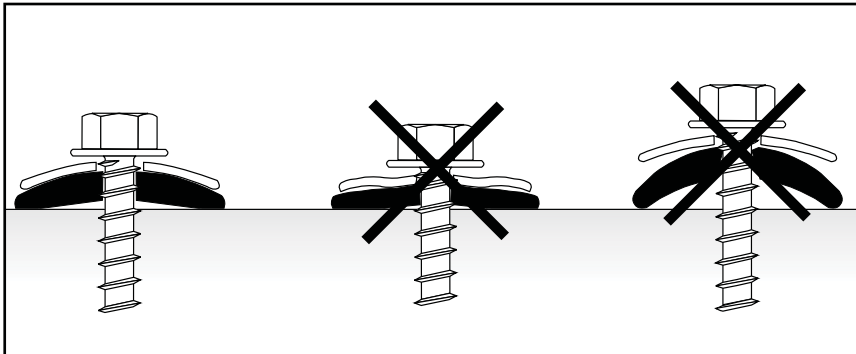
INSTALLATION INSTRUCTIONS

## FIXING



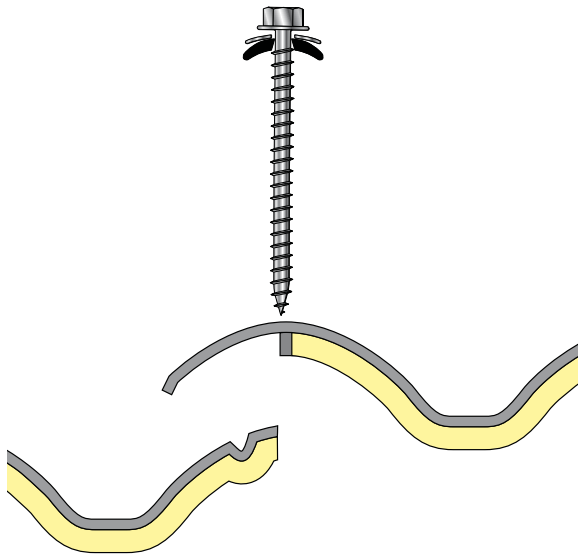
# IsoCoppo Tek

## TIPS TO FIX THE SHEETS CORRECTLY

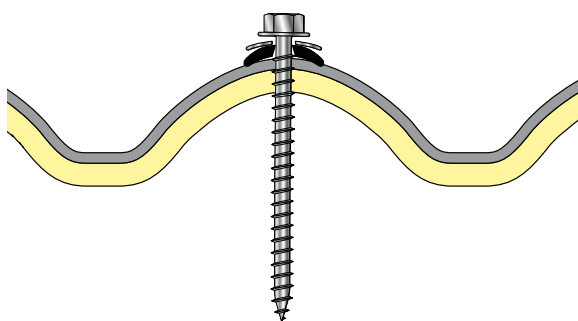
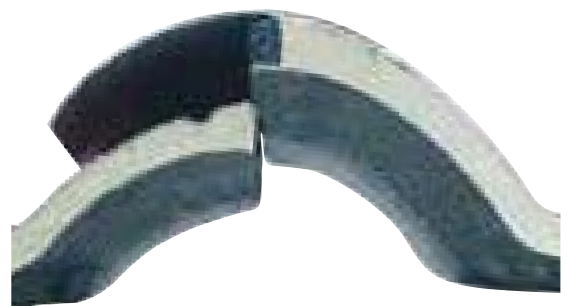


### The Alublok Fixing system

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



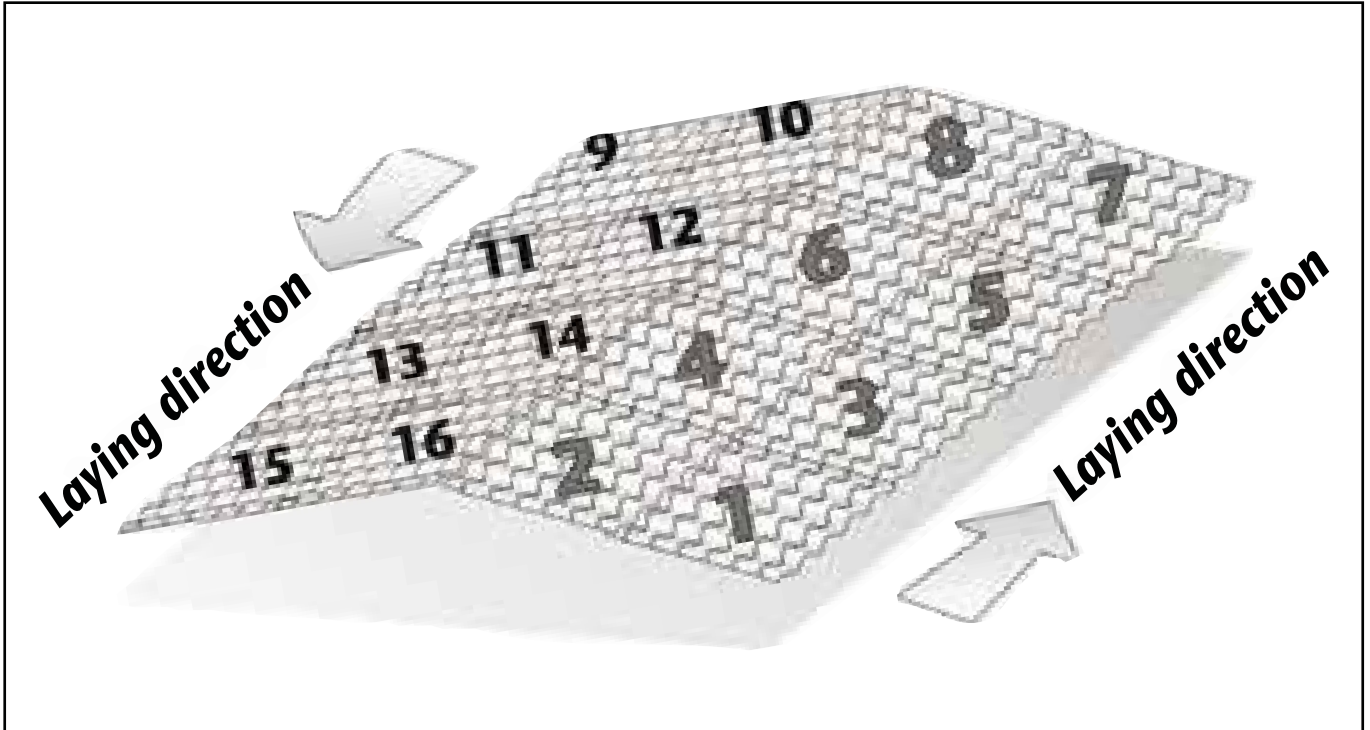
Lateral overlapping, phase B



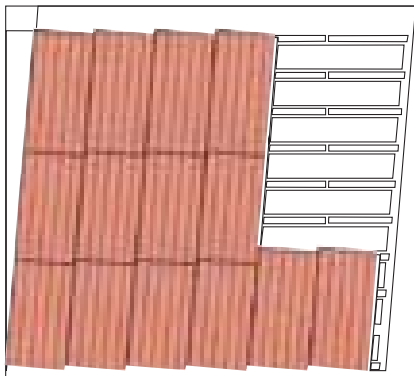
# IsoCoppo Tek

## LAYING THE SHEETS

INSTALLATION INSTRUCTIONS

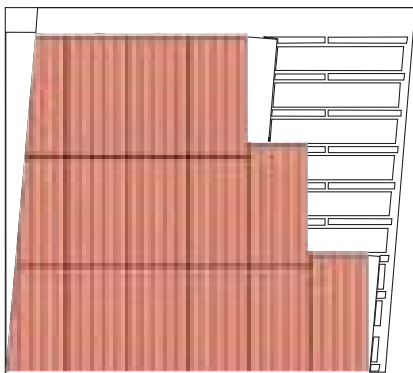


**NO**



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**



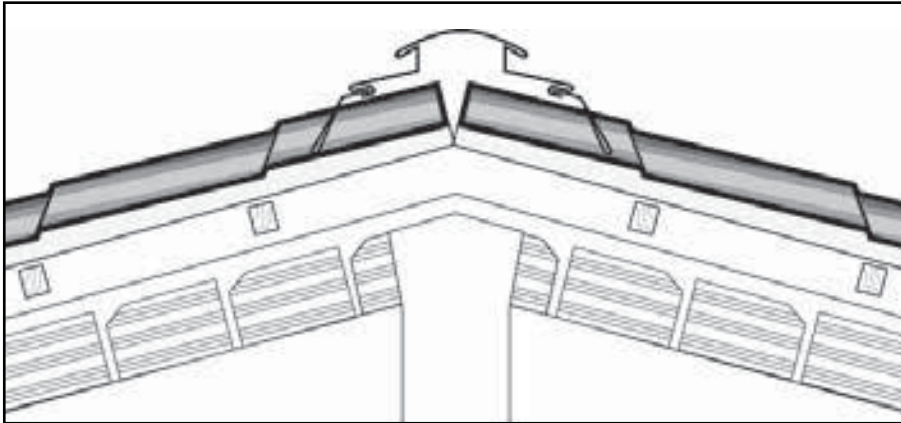
Laying at a 90° angle from the gutter line



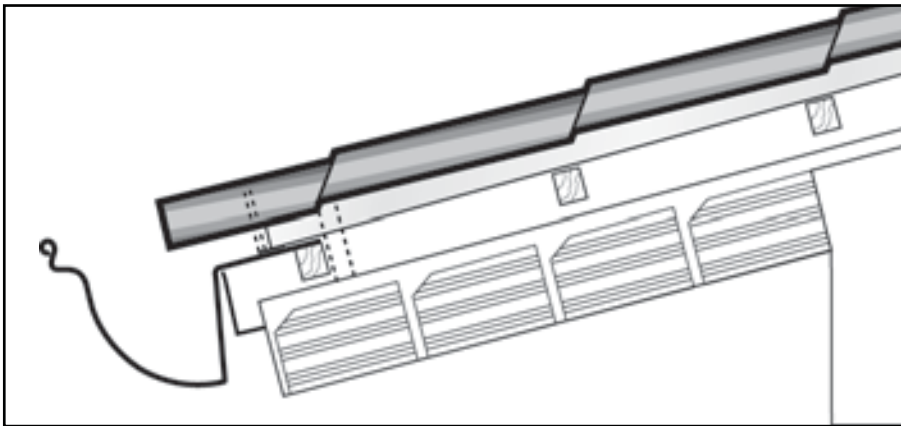
# IsoCoppo Tek

## APPLICATIONS

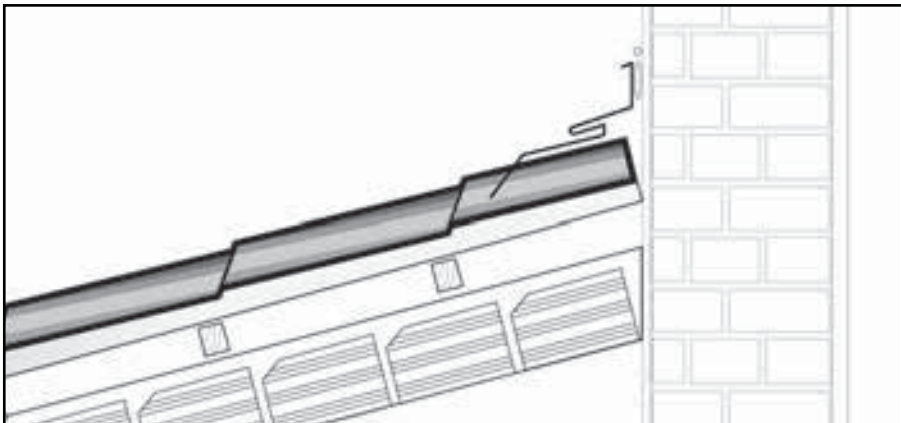
APPLICATIONS



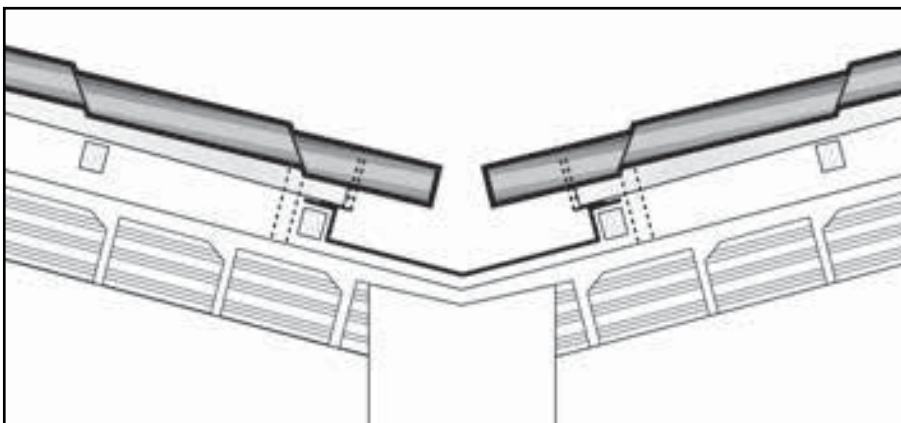
*Ridge detail*



*Gutter detail*



*Wall connection*



*Converse detail*

# IsoCoppo Tek

STORAGE

## STORAGE

