



### 7.4 FASTENING MATERIALS

For the fastening of the thermo-insulated panels on the purlins of the building, as well as for the support of the flashings our company proposes the following self-drilling screws.

The screws are suitable for the fixing of the thermo-insulated panels in buildings with metal frames, as well as in buildings with frame from reinforced concrete but with insert metal support points.

They are disposed with metal washer with rubber gasket EPDM. They have hexagonal head suitable for "nut" N o8 (Hex 8mm).

They are manufactured from high quality galvanized carbon steel of great durability (casehardened) and with organic coating of "Climadur".

They are conforming to the DIN 7504 specifications.

### SELECTION TABLE

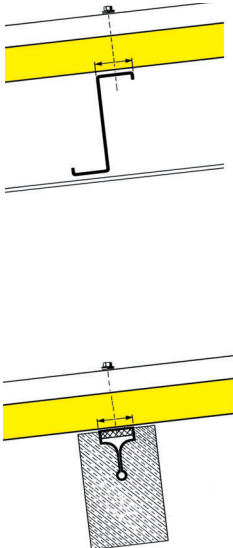
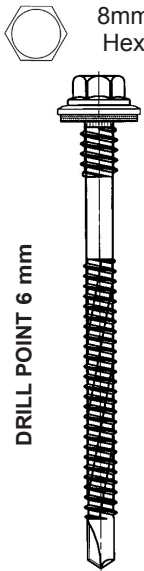
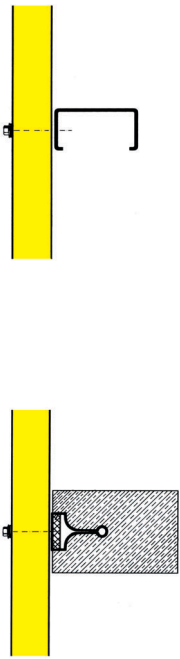
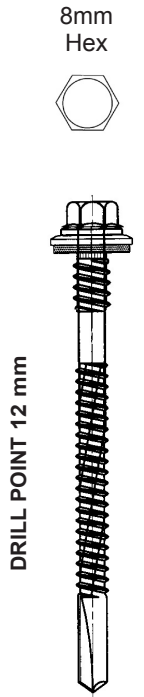
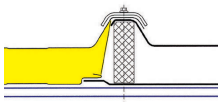
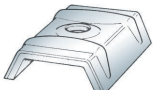
DRILL POINT	PURLINS AND RAILS STEEL THICKNESS (mm)											
2	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0
3		1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0
6			1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0
12				1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0

APPLICATION	FASTENER TYPE	DESCRIPTION			USE	PIECES PER PACKAGE	
		THREAD Ø mm	LENGTH mm	DRILL POINT mm			
	8mm Hex   	4,8	19	2	JOIN PANELS TO EACH OTHER	1.000	
		*	4,8	20	2	FASTENING FLASHINGS	500
			5,5	25	3	JOIN STEEL SHEETS TO EACH OTHER	500
* DISPOSED WITH INTEGRAL COLOUR HEAD IN THE FOLLOWING RAL RANGE OF COLOUR (1015 - 3003 - 5010 - 6020 - 7011 - 9002 - 9006)							
	8mm Hex   	5,5	25	6	FIXING TRAPEZOIDAL STEEL SHEET TO CONSTRUCTION FRAME	500	
		5,5	35	12		500	
		5,5	65	12		250	
		5,5	80	12		200	
		6,3	50	6		200	
		6,3	80	6		200	



CORE



APPLICATION	FASTENER TYPE	DESCRIPTION			PANEL TYPE	PIECES PER PACKAGE	
		LOWER THREAD Ø mm	UPPER THREAD Ø mm	LENGTH mm			
	 <p>8mm Hex</p> <p>DRILL POINT 6 mm</p>	5,5	6,3	62	WL 40 WLC 40 WLC 50	250	
		5,5	6,3	82	WL 50 WL 60 WLC 60	200	
		5,5	6,3	102	WL 80 WLC 80 RL 30	250	
		5,5	6,3	122	WLC 100 RL 40 RL 50	150	
		5,5	6,3	152	WLC120 RL 60 RL 80	150	
		 <p>8mm Hex</p> <p>DRILL POINT 12 mm</p>	5,5	6,3	76	WL 40 WLC 40 WLC 50	250
			5,5	6,3	80	WL 50 WLC 60	200
			5,5	6,3	92	WL 50 WLC 60	250
			5,5	6,3	95	WL 60 WLC 80	200
			5,5	6,3	115	WL 60 WLC 80	200
5,5			6,3	120	WL 80 WLC 100 RL 30 RL 40	250	
5,5			6,3	130	WL 80 RL 50	150	
5,5			6,3	135	RL 50 RL 60	150	
	 <p>"ORKAN" calotte. Organic PVDF coated aluminium 1.2mm thick with internal investment of open cell polyurethane foam</p>						