

## ROOF CONSOLE ANCHOR SYSTEM



### PRODUCT DESCRIPTION:

#### FIXNORDIC CONSOLE ANCHOR for roof console fixing

For efficient, safe, systematical, and flexible anchoring of FIXNORDIC Roof Consoles onto different roof deck -and roof construction types.

#### CONSOLE ANCHOR OVERVIEW

Article number	Article name	Dimension [mm]	Anchor drive	Application	Roof Construction type		Roof Deck Type	Design Load Capacity [kg]		Roof Deck Properties
					Warm	Cold		Load Direction		
								Roof Parallel [x]	Roof Perpendicular [z]	
210072-500	Concrete Anchor	M12x500	19 mm				Concrete	50*	±350-600	C20/C25**
210073-500	Wood Anchor	M12x500	19 mm				Wood (board) Wood (rafter)	50*	board: ±350 Rafter: ±350-600	Board: check dim + type Rafter: $\rho_{min} = 350 \text{ kg/m}^3$
210074-500	Trapez Anchor	M12x500	19 mm				CMS***	50*	±200-350	$t \geq 0,63 \text{ mm}$
210065	Toggle Anchor	M10x120	17 mm				Plywood $\geq 16 \text{ mm}$	150	±250	***
210066	Wood Screw	Ø8x100	TX40				Rafter	150	-350 350-600	Rafter: $\rho_{min} = 350 \text{ kg/m}^3$
210067	Concrete Bolt	Ø10x80	16 mm				Concrete	250	-350 350-600	C20/C25**
215004	Toogle Anchor	M12x200	8 mm				CMS***	150	200-350	$t \geq 0,63 \text{ mm}$
250082	Concrete Bolt	M12x200	8 mm				Concrete	150	±350-600	C20/C25**
250088	Hanger Bolt	M12x200	9 mm				Rafter	150	-350 350-600	Rafter: $\rho_{min} = 350 \text{ kg/m}^3$

\*The 50 kg constraint capacity in the x-direction is only for a dynamic wind related load and is a general guide line capacity and when relevant this should be validated toward specific project properties.

\*\*By Application on to concrete decks the normal branch technical guidelines must be followed: eg. min. edge distanc, intermidient anchor distance and so on.

\*\*\*CMS => Corrugated Metal Sheet and in this case refers to sttel roof decks.

\*\*\*\*For the evaluation of the load limit it must be noticed that the application onto OSB plywood boards is not covered by the listed load limits