

# TZ HYDROPROFILE

RANGE OF HIGH CORROSION RESISTANCE  
PROFILES FOR DRYWALL CONSTRUCTION





# TZ HYDROPROFILE



The range TZ HYDROPROFILE is the ideal solution for the construction of drywall partitions, wall cladding and false ceilings in areas with high humidity.



The TZ Hydroprofile range **covers all common applications** in gypsum board construction (partition walls, cladding, suspended ceilings, continuous ceilings, etc.).



Wide range of profiles **with excellent performance against corrosion**, offering an optimal solution for areas with high humidity.



Supporting profiles made of **high-thickness hot-dip galvanised DX51 steel grade**, according to the highest quality standards of Kingspan and in accordance with the applicable standards.



Choice of several available coating types, depending on the degree of environmental humidity: **hot-dip galvanised Z275** (275g/m<sup>2</sup>), **Z450** (450g/m<sup>2</sup>) or **pre-lacquered polyester** (25 µm).



Versatile range **compatible with any system and type of gypsum board on the market**, and with **EI fire certificates**, accredited through tests.



**Optimized design** profiles, which guarantees **fast and safe assembly** thanks to its ribbed and dimpled finish that facilitate the screwing. Precut holes also allow the passing through of wiring and pipe lines.

## FIELDS OF APPLICATION

### Hot dip gavanized coating Z275 (275g/m<sup>2</sup>)

Areas with high humidity and frequently exposed to water or vapour, such as bathrooms in homes, hotels, hospitals, geriatric residences, etc...

Rooms with a continuous presence of water, such as collective showers, changing rooms, sanitary facilities, kitchens, laundries, etc...

### Hot dip gavanized coating Z450 (450g/m<sup>2</sup>)

Semi-outdoor areas in buildings: suspended and ventilated facades, eaves, etc. (Depending on applicable surcharges, a thickness of 0.7 mm or higher is recommended).

Areas with a humid environment and low ceilings in swimming pools, aquatic centers and the like.

Outdoor areas in residential, educational, commercial or industrial buildings, located near the sea.

### Pre lacquered polyester 25 microns/ back 7 over galvanized Z100 or higher

Swimming pools, indoor aquatic facilities with high ceilings.

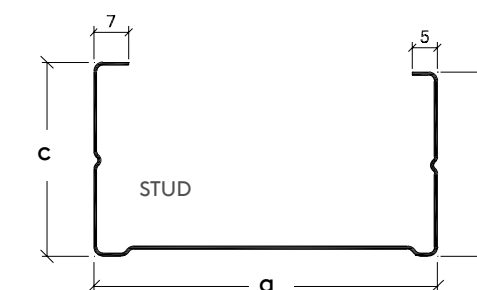
Ventilation rooms, or areas with heating with the possibility of condensation or high humidity.

Public buildings and facilities with air conditioning facilities.

## TZ HYDROPROFILE RANGE FOR CLADDING AND PARTITIONS

### STUDS

PROFILES	Th	DIMENSIONS RANGE (mm)		
		a	b	c
STUDS	0.6	34.3 to 148.5	34.2 to 48	36.2 to 50
CERTIFICATIONS		CE (NF and N, consult datasheet)		



### CHANNELS

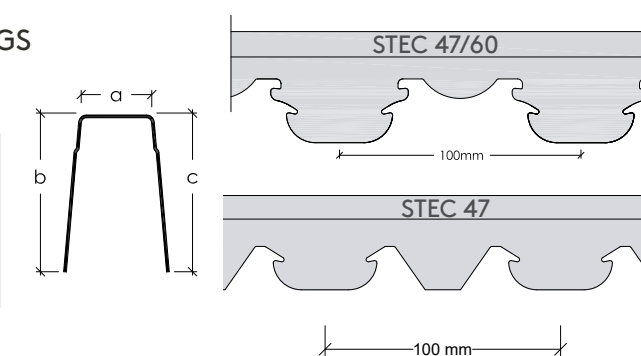
PROFILES	Th	DIMENSIONS RANGE (mm)		
		a	b	c
CHANNELS	0.55	36 to 150	28 to 40	28 to 40
CERTIFICATIONS		CE (NF and N, consult datasheet)		



## TZ HYDROPROFILE RANGE FOR FALSE CEILINGS

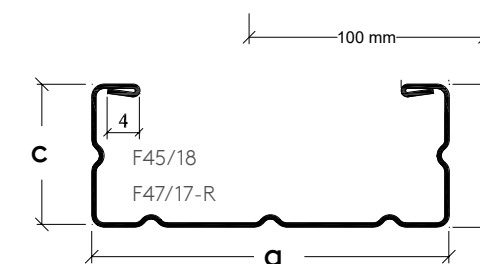
### STEC

PROFILES	Th	DIMENSIONS (mm)			CERTIFICATES		
		a	b	c	CE	NF	N
STEC 47/60	0.7	22	46	46	●		●
STEC 47	0.7	22	40	40	●		●



### RAILS F

PROFILES	Th	DIMENSIONS (mm)			CERTIFICATES		
		a	b	c	CE	NF	N
F45/18	0.6	45	18	18	●	●	●
F47/17 R	0.6	47	17.5	17.5	●	●	●



### NOTES:

Th = standard thickness in mm. Check other possibilities.  
Available length depending on the product. Consult datasheets.

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## KINGSPAN | TECZONE

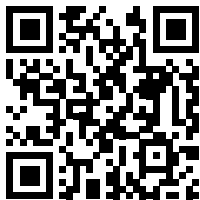
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