Hipharma
AL/ST/UPVC FALSE CEILING, PPS type WALK ON
(52mm thickness)

WALK-ON false ceiling provided in modular units consisting of two external skins in powder coated steel (ST) or UPVC.

All panel sides are sealed by an aluminum frame. The result is perfectly smooth, flush and very easy to clean.

Panel to panel connections are maintained with precision by alu profiles that create uniform seams.

Ceiling panel is fixed to the support structure of the customer by means of a threaded bar of complete ring.

This false ceiling is the right answer to whom demand a high quality product with lighting fixture and filter maintenance access from above.

This false ceiling is designed to be walked on and support a single load of 160kg. (352 Lb) of meter ceiling framework, although located in the most unfavorable static position.
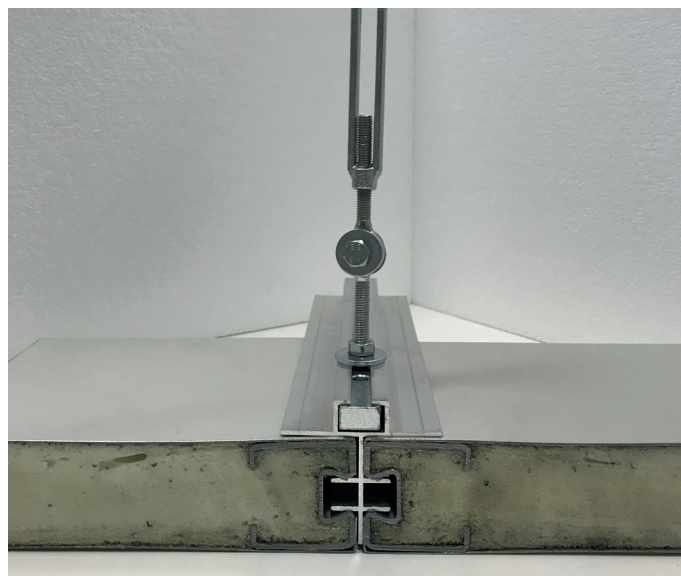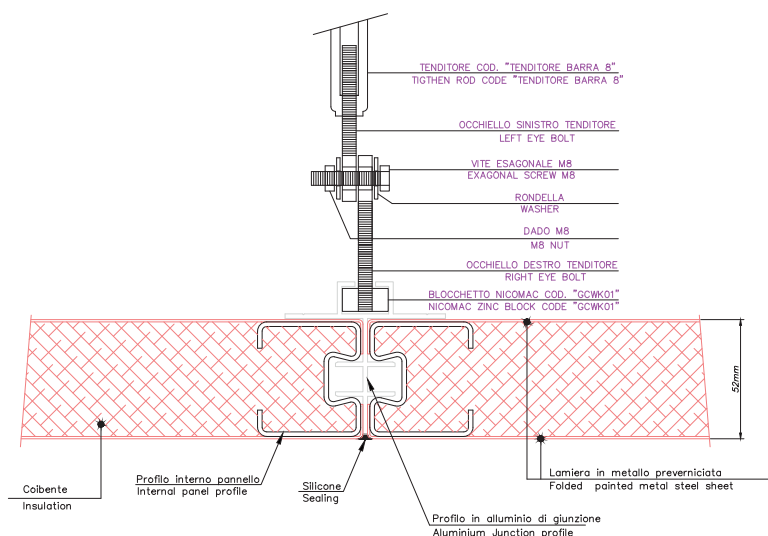
Powder coated thickness: 0,8mm

Steel coated with UPVC: 0,8mm

Standard panel dimension is 1200x3000mm (WxH) (approx: 4'x10')

False ceiling panel includes:
- skin layers in powder coated steel (ST) or UPVC
- insulation material
- welded rectangular steel framework
- H Aluminum profile between wall sections (0.4mm seal gap precision)
- food grade silicone sealant to caulk panel seams

FALSE CEILING CODES	FALSE CEILING THICKNESS	POWDER COATED STEEL	UPVC SANISTEEL VERSION	INSULATION MATERIALS AND THEIR TECHNICAL FEATURES							
				POLYSTYRENE (HDP)		POLYURETHANE (PUR OR PIR)		HONEYCOMB (HC)		ROCKWOOL (RW)	
				Density:	35Kg./m³	Density:	35Kg./m³	Density:	40Kg./m³	Density:	130Kg./m³
											Vertical oriented fibers
CTS52-PPS-ST/HDP/ST-WK	52mm	●		●							
CTS52-PPS-ST.AG/HDP/ST.AG-WK	52mm		●	●							
CTS52-PPS-ST/HDPU/ST-WK	52mm	●				●					
CTS52-PPS-ST.AG/HDPU/ST.AG-WK	52mm		●			●					
CTS52-PPS-ST/HC/ST-WK	52mm	●						●			
CTS52-PPS-ST.AG/HC/ST.AG-WK	52mm		●					●			
CTS52-PPS-ST/RW/ST-WK	52mm	●								●	
CTS52-PPS-ST.AG/RW/ST.AG-WK	52mm		●							●	

Note: if requested, powder coated steel can be galvanized

Hipharma
AL/ST/UPVC FALSE CEILING, PPS type
WALK ON
(52mm thickness)

POWDER COATED ALUMINIUM		STANDARDS
Alloy	EN-AW 5005	UNI EN 573/3
Physical state	H42	EN 515
Paint type	PE powder, without TGIC	EN 1396
Rm	Mpa 125 ÷ 165	EN 1396
Rp0,2	Mpa 80 min	EN 1396
A50mm	% 5 min	EN 1396
Paint thickness	55 µm (45 min.)	EN 13523-1
Pencil hardness	H KOH-I-NOR	EN 13523-4
Gloss @60°	80 units min.	EN 13523-2
Adhesion 90°/180°	100%	
Resistance to bending	0,5 T	EN 13523-7
Resistance to Hydrogen Peroxide	the paint doesn't change colour or gloss after immersion for 96 hours in a H2O2 solution at 60°C. The test procedure should simulate the sterilization process through O2 gas	

FALSE CEILING CODE	STANDARDS	CLASS
CTS52-PPS-ST/HC/ST-WK	UNI EN 13501-1:2009	A2-s1,d0
CTS52-PPS-ST/RW/ST-WK		
CTS52-PPS-ST.AG/HC/ST.AG-WK	UNI EN 13501-1:2009	B-s1,d0
CTS52-PPS-ST.AG/RW/ST.AG-WK		
CTS52-PPS-ST/HDP/ST-WK	UNI EN 13501-1:2009	B-s2,d0
CTS52-PPS-ST.AG/HDP/ST.AG-WK		
CTS52-PPS-ST/HDPU/ST-WK		
CTS52-PPS-ST.AG/HDPU/ST.AG-WK		

POWDER COATED GALVANIZED STEEL		STANDARDS
Galvanized Coating	150 ± 10 g/m²	
Finishing	Metallic coat MB	
Specular gloss	30 ± 5 gloss	ECCA T2
Pencil hardness	HB-H	ECCA T4
Resistance to salt spray fog	≥ 400 h	ECCA T7
Water immersion resistance	≥ 1000 h	ECCA T9
Resistance to atmospheric agents	8 Cielab	ASTM D 659
Resistance to cracking on bending	after bending at ≥1,5 T and ≥2,5 T the paint does not chip	ECCA T7

UPVC SANISTEEL VERSION		STANDARDS
Nominal thickness (coating film)	100 µ - 200 µ	
T-bend	1/2 T	ECCA T7
Salt fog resistance	500 hours	ASTM B117-95 ECCA T8
Relative humidity resistance	1000 hours	ASTM D224794
Pencil hardness	HB	ASTM D3363-92a ECCA T4
Gloss @60°	40 ± 5	ASTM D523-89 ECCA T2
Resistance to abrasion	13-14 (at 1000runs)	ASTM D4060-95
Resistance to NaOH at 5%	16 hours	ASTM D1308-87 ECCA T18
Resistance to bacterial strain Escherichia coli, Klebisella pneumonie, Staphyloccus aureus, Salmonella typhimurium, Listeria monocytogenes, Legionella pneumophilla, Pseudomonas aeruginosa		ISO 22196:2007 ASTM E2180-07 JISZ 2801

Designed by Nicomac | www.nicomac.com
Nicomac reserves the right to change the submitted technical data
Data in this catalogue are not binding | Issued on 04.2018   2