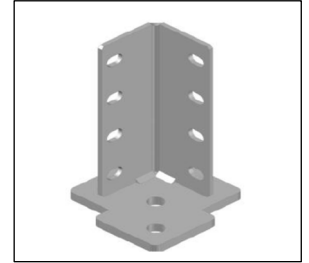


# STRUCTURE

## GENERAL FEATURES

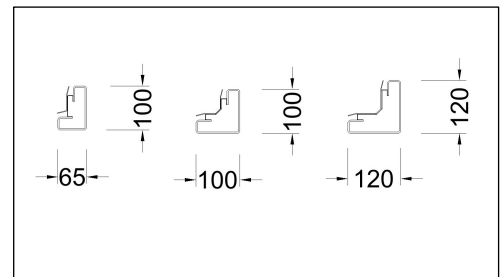
### UPRIGHTS FEET BRACKETS

The upright feet are welded in order to bear the loads.



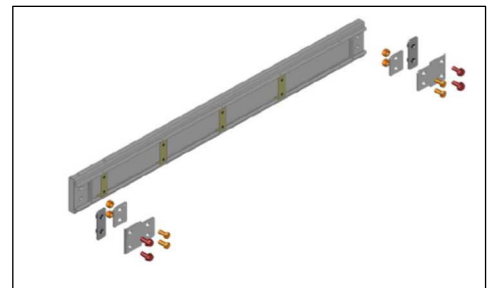
### UPRIGHTS

Max length 2950mm, with different sections for any use: reduced, standard, increased. The thickness of the bended iron sheet may be 3 or 4 mm depends on the reactions.



### CROSS BEAM

The cross beams are "C" shape bended iron sheet of 120 mm of height and thickness of 3-4 mm as per the uprights. Those upper and lower the landing door are trimmable for maximum precision of the door to finish floors.



### MATERIAL AVAILABLE:

#### Indoor installations:

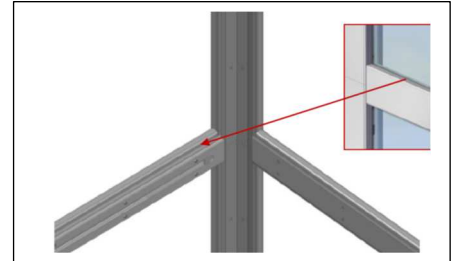
- RAL Powder coated mild steel
- Galvanized mild steel covered with AISI 304 (brushed or polished) sheet

#### Outdoor installation:

- RAL Powder coated galvanized mild steel
- Solid AISI304 or 316 brushed or polished
- RAL Powder coated solid AISI 304 or 316

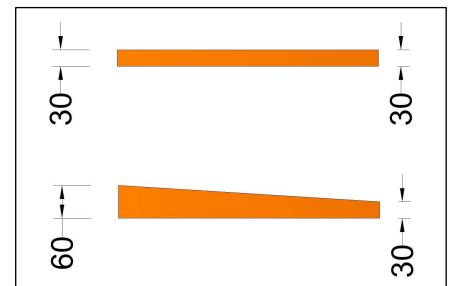
## GLASS RETAINER

The glass retainers are designed to provides internal flush mounting.



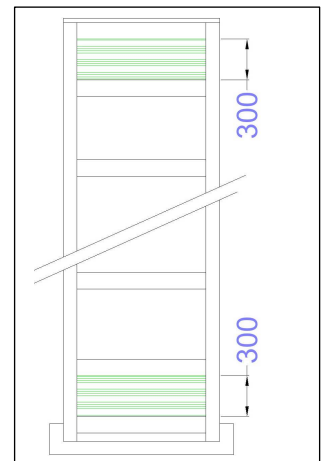
## ROOF

- Flat for indoor installation
- Inclined for outdoor installation



## NATURAL CONVECTION VENTILATION

The ventilation grids of the structure are provided with a slotted cladding panel of 300 mm in the headroom and in the pit on the mechanical side.



## OTHERS:

The structure can be realized with customized crossbeam's spacing in order to match the floors levels.

## CLADDING

The claddings are available in:

- Indoor RAL painted panels iron sheet (powder coating)
- Outdoor RAL painted panels galvanized iron sheet (powder coating)
- Polished, brushed or decorated “Quadretto” stainless steel
- Glazed (Transparent, Smoked, Acid etched, Milky white, Stopsol bronze, Stopsol Smoked, Bronze)

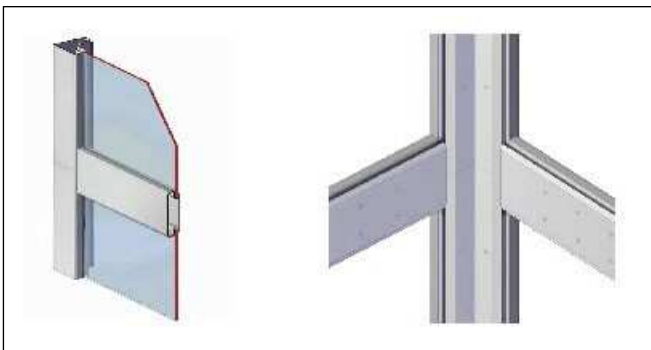
Note:

- For a proper sealing (outdoor), is requested to be done with silicon.
- Rubber supports on the cross beams, are provided when glazed cladding.

## TYPES AVAILABLE

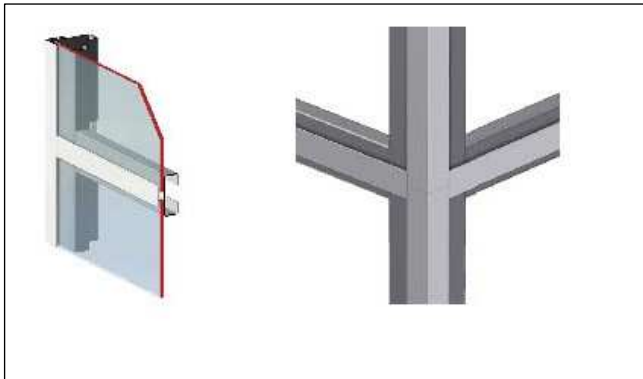
**VFI** (Internal flush cladding)

For blind and glazed cladding



**VEX** (External flush cladding)

Only for glazed cladding, and not on the door side.



## ANCHORING

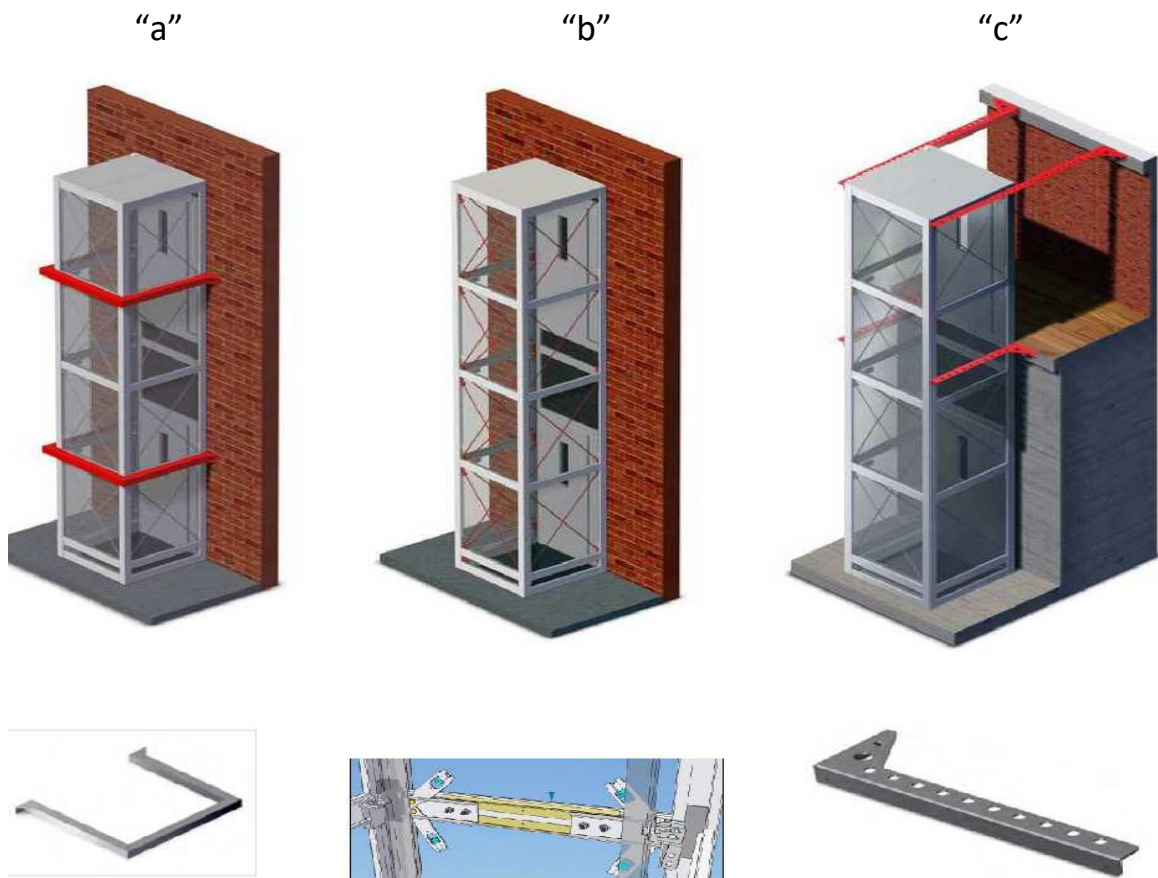
The anchorage of the structure to the building has to be provided on the jobsite with true bolts or chemical bolts (depending of the wall nature of the building) on pit under the 4 uprights, vertically at least 3 uprights maximum each 3,5 m and on the top of the headroom.

In case these requirements cannot be satisfied, EP may provide several fixation systems to overcome the problem:

- a) Omega shape rings (same material/finishing of the structure);
- b) Window cross bracing;
- c) Single lateral beam, for the fixation of the 3rd upright;
- d) Internal upright/crossbeam junction stiffeners

All the exposed fixation (“a” and “c”) systems are always powder coated galvanized mild steel (when not in stainless steel).

The maximum window height is 1330mm, with inter axis of 1430mm.



## ACCESSORIES

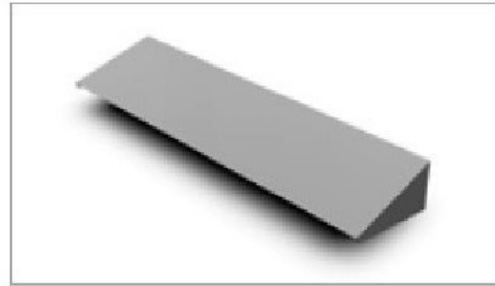
### Outdoor canopy



Stainless steel bracket

The inclined ceiling can come in glass or powder coated galvanized mild steel

Depth= 650 mm



RAL powder coated canopy, in galvanized mild steel.

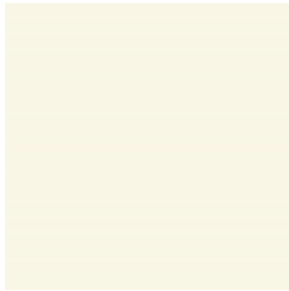
Depth= 350 mm

## POWDER COATING RAL CHART

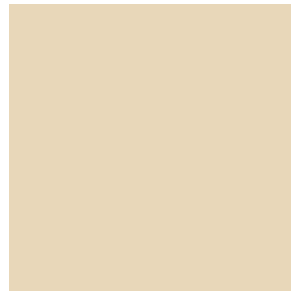
Polyester powder coating, 80-90 gloss, the RAL chart as per below in orange peel STD, Polished smooth OPT or Matt smooth OPT:



**1001 beige**



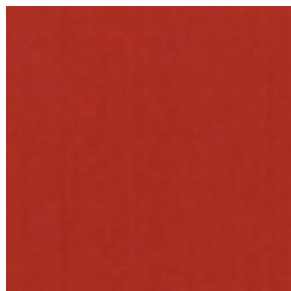
**1013 bianco perla**



**1015 avorio chiaro**



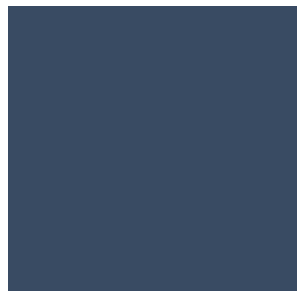
**2000 arancio giallastro**



**3001 rosso segnale**



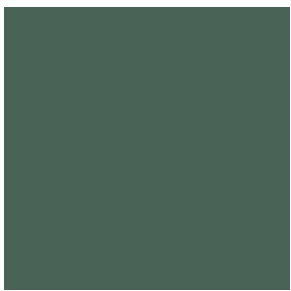
**3001 rosso marrone**



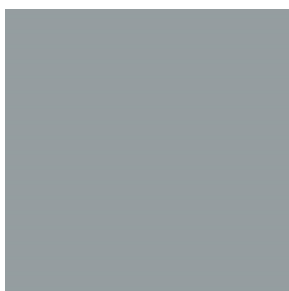
**5003 blu zaffiro**



**5024 blu pastello**



**6028 verde pino**



**7001 grigio argento**



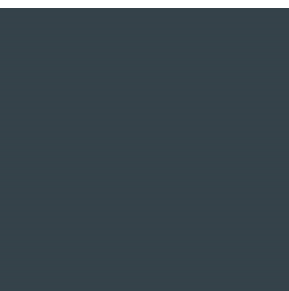
**7004 grigio segnale**



**7016 grigio antracite**



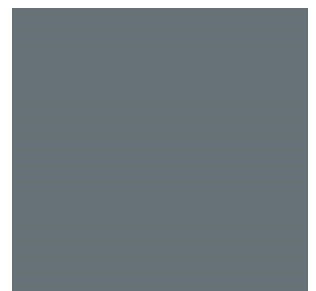
**7021 grigio scuro**



**7024 grigio grafite**



**7026 grigio granito**

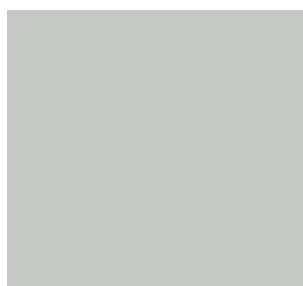


**7031 grigio bluastrò**





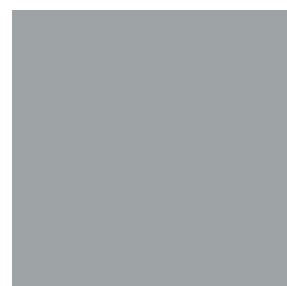
**7032 grigio siliceo**



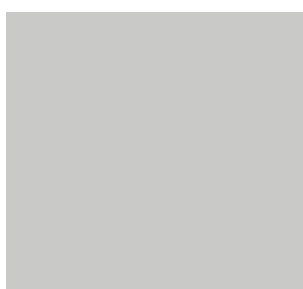
**7035 grigio luce**



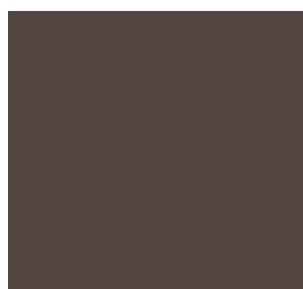
**7037 grigio polvere**



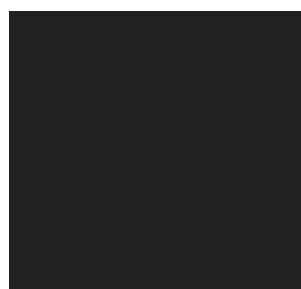
**7040 grigio finestra**



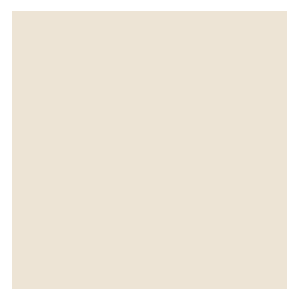
**7047 tele grigio 4**



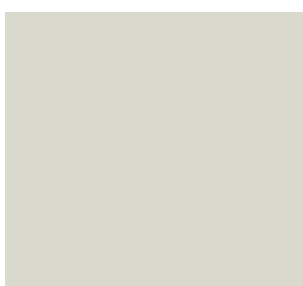
**8017 marrone cioccolato**



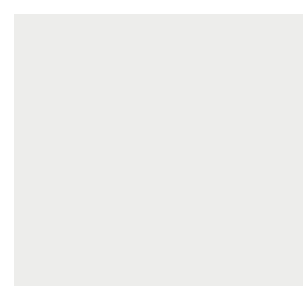
**8022 marrone nerastro**



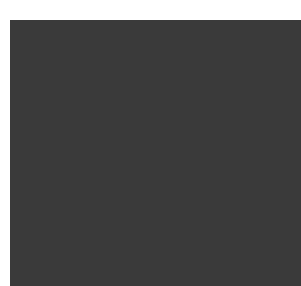
**9001 bianco crema**



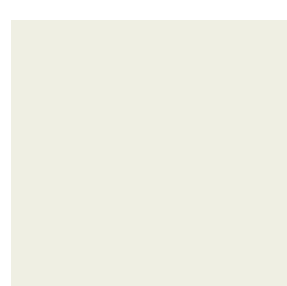
**9002 bianco grigiastro**



**9003 bianco segnale**



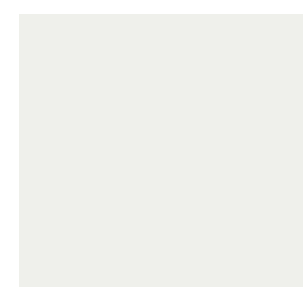
**9005 nero intenso**



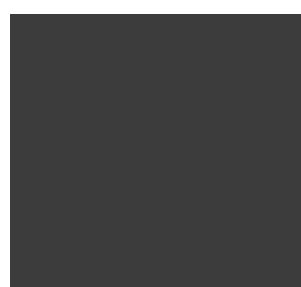
**9010 bianco puro**



**9011 nero grafite**



**9016 bianco traffico**



**9017 nero traffico**



**9018 bianco papiro**

More colours and finishes (for instance RAL 1036 pearled gold, RAL 1035 pearled bronze or RAL 9006 white aluminum) are available on request.

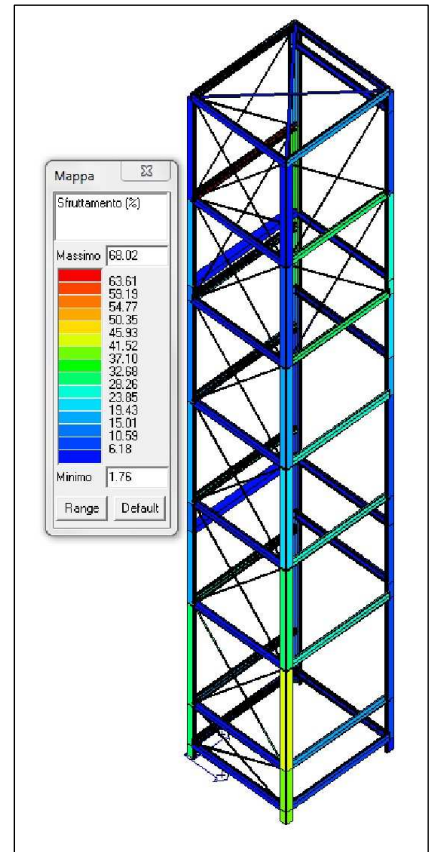
## STANDARD CODES

### CODES:

- UNI EN 1090-1:2009+A1:2011
- EN 81-20 / EN81-50

### CERTIFICATES AND CALCULATION:

- Glass cladding certificates
- CE (EN-1090) Performance Statement
- Steel certificates
- Full statics calculation (on request)
- Basic loads calculation (of the fixing points – on request)





**EP Elevatori Premontati srl**

Tel. +39 050 875091

[www.elevatoripremontati.it](http://www.elevatoripremontati.it) - [info@elevatoripremontati.it](mailto:info@elevatoripremontati.it)

