

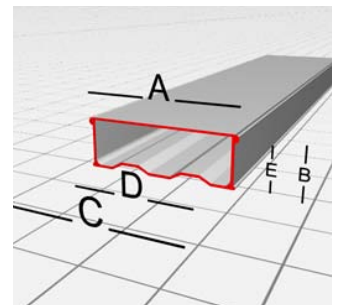
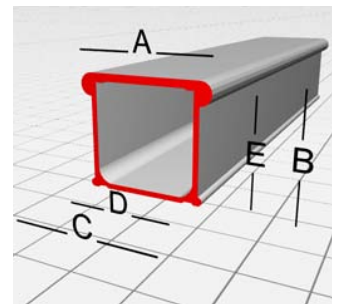
## Cable Trays PROFILES

### STANDARD CABLE TRAYS

TYPE	A	B	C	D	E
50 X 50	64,5	55	59	50	50
80 X 80	95,4	85	90	80	80
100 X 50	115,4	55	110	100	50
120 X 120	136,4	125	131	120	120
140 X 70	156,4	75	151	140	70
140 X 100	156,4	105	151	140	100
140 X 140	156,4	145	151	140	140
175 X 70	191,4	75	186	175	70
175 X 120	191,4	125	186	175	120
175 X 175	191,4	180	186	175	175
200 X 80	216,5	85	211	200	80
300 X 80	316,4	82	311	300	76

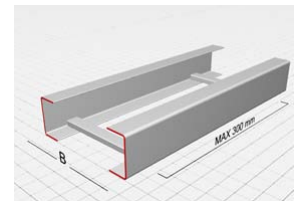
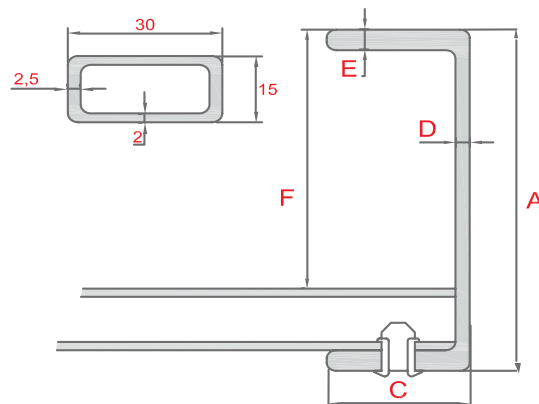
TYPE	A	B	C	D	E
400 X 80	417,4	86	411	400	80
500 X 80	517,4	86	511	500	80
600 X 80	617,4	86	611	600	80

Profiles made to order  
Nominal dimension: mm



### CABLE LADDER

TYPE	P-50 (mm)	P-83 (mm)	P-120 (mm)
A	50	83	120
B	200 - 300 - 400 - 500 - 600		
C	30	30	50
D	3	3	3
E	4	5	3
F	31	63	102
L	6000	6000	6000



## MEAN PHYSICAL-MECHANICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	POLYESTER RESIN MEAN VALUE	ACRYLIC RESIN MEAN VALUE
SPECIFIC WEIGHT	ASTM D792	g/cm <sup>3</sup>	1,8	2
DIELECTRIC STRENGTH	ASTM D149	kV/mm	5	10
WATER ABSORTION	ISO 62	%	0,4	0,4
LONGITUDINAL THERMAL EXPANSION COEFFICIENT	ISO 11359-2	K <sup>-1</sup>	11 x 10 <sup>-6</sup>	9 x 10 <sup>-6</sup>
THERMAL CONDUCTIVITY	EN 12667 EN 12664	W/mK	0,3	0,35
LONGITUDINAL FLEXURAL STRENGTH	ASTM D790	MPa	400	300
LONGITUDINAL FLEXURAL MODULUS	EN 13706	GPa	25	20
FIRE "F" CLASSIFICATION	NF F 16-101	CLASS	F2	F0
FIRE "M" CLASSIFICATION	NF P 92-501	CLASS	M3	M1
FIRE "I" CLASSIFICATION	NF F 16-101	CLASS	I4	I0
SURFACE FLAME SPREAD	BS 476 Part 7	CLASS	3	1
FLAME SPREAD SMOKE DEVELOPED	ASTM E 84	CLASS	-----	1
INFLAMMATION POINT (INCANDESCENT WIRE TEST)	IEC 695-2-1	°C	-----	960 without drops
HALOGENS FREE			NO	YES

### VALUES RELATED TO GLASS REINFORCED STANDARD POLYESTER - ACRYLIC PROFILES

Average tolerance on mechanical properties referred to longitudinal direction: ± 10%.

To the best of our knowledge, the data contained in this publication is accurate. However, Top Glass does not assume liability for how the data is used.

#### NOTES:

- POLYESTER POSSIBLE ALSO IN ANTISTATIC FORMULATION

