Technical Data Sheet

SuperCor®

VIACON

Constructing connections.
Consciously.

SUPERCOR®

This technical data sheet is valid for the ViaCon Polska Sp. z o.o. production plant in Rydzyna,Poland only.
CE Certificate of Factory Production Control No. 1023-CPR-0640 F.
Steel structures and aluminium structures according to EN 1090-1.
Issued by notified body no. 1023

DESCRIPTION

Flexible, cold-formed, corrugated steel plates, connected with bolts and nuts, used mainly in civil engineering as soil-steel composite structures, under railway and roadway traffic loads.

INTENDED USE

- culverts
- bridges
- grade separations/viaducts
- tunnels
- underpasses
- ecological crossings
- pedestrian tunnels
- shelters
- hangars
- underground storage

PRODUCT FEATURES

- high structural strength
- wide range of shapes and sizes
- relatively low weight
- high corrosion protection
- short installation time

TECHNICAL PROPERTIES

STEEL

The steel used for the production of the UltraCor® structures conforms to the European Standards:

- **EN 10025-2 "Hot-rolled products of structural steels – Part 2: Technical delivery conditions for non-alloy structural steels"**
- **EN 10149-2 "Hot-rolled flat products made of high-yield strength steels for cold forming – Part 2: Delivery conditions for thermomechanically rolled steels"**

ULTRACOR® STEEL MECHANICAL PROPERTIES

Steel grade	Standard	Minimum yield strength R_e [MPa]	Tensile strength R_m [MPa]
S355MC	EN-10149	355	430 - 550
S420MC	EN-10149	420	480 - 620

Steel is delivered with certificate 3.1 acc. to EN 10204

PLATE THICKNESS

SuperCor® structures are produced from steel with standard thicknesses from 5.50 mm to 8.00 mm.

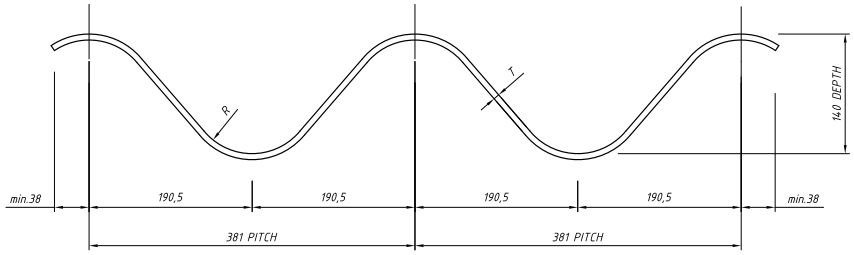
Plate t [mm]	Steel grade S355MC	S420MC
5.50	S	N
6.00	N	N
7.00	S	N
8.00	N	N

S - Standard,

N - Non-standard

CORRUGATION

SuperCor® corrugation profile is 381x140mm.



T – plate thickness [mm]

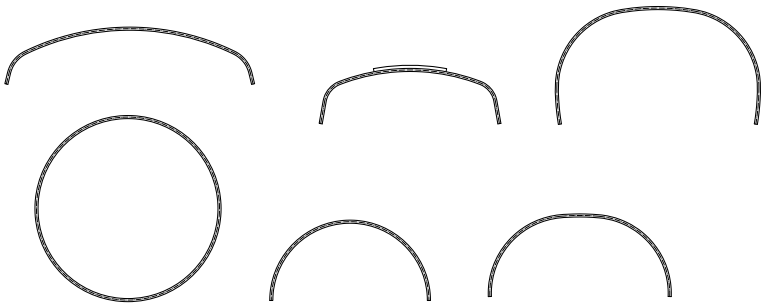
R – radius [mm] - (depends on the plate thickness).

MATERIAL PROPERTIES OF SUPERCOR PLATE

Plate thickness t [mm]	Yield stress [MPa]	Area [mm²/mm]	Moment of inertia [mm⁴/mm]	Section modulus [mm³/mm]	Plastic section modulus [mm³/mm]
5.50	355 / 420	7.118	16631	228.61	305.87
6.00	355 / 420	7.767	18170	248.90	334.00
7.00	355 / 420	9.065	21262	289.28	390.44
8.00	355 / 420	10.365	24375	329.39	447.11

PROFILE SHAPES & SIZES

SuperCor® structures can be produced in the following shapes:



The geometrical parameters of individual profiles are presented in in TDS Appendix no.1.

Custom shapes are available on request and have to be agreed with the manufacturer.

PLATES

The maximum length of the plate is limited by plate thickness and steel grade:

NUMBER OF S MODULES

t [mm]	S355MC	S420MC
5.50	4 - 12	4 - 12
6.00	4 - 12	4 - 12
7.00	4 - 12	4 - 12
8.00	4 - 12	4 - 12

Standard width module, plate dimensions, hole sizes, hole configurations and spacing are presented in the “Catalogue of Production Standard Solutions and Details” (available on request).

LOADS:

SuperCor® structures can be used for every common class of road and rail traffic loads (according to the European Standard EN 1991-2:2007 or others). The bearing capacity for other loads, e.g., airplanes, industrial or any other special loads can also be evaluated.

The minimum radius that determines range of profile shapes is limited by plate thickness:

MINIMAL RADIUS [MM]

t [mm]	S355MC	S420MC
5.50	1016	1016
6.00	1016	1016
7.00	1016	1016
8.00	1016	1016

BOLTS, NUTS, ANCHOR BOLTS, BASE CHANNEL

Type	Dimension	Length	Standard
Bolts	M20 (class 8.8)	50mm, 70mm	EN ISO 898-1
	M20 (class 10.9)	50mm, 70mm	EN ISO 898-1
Nuts	M20	-	EN ISO 898-2
Anchor bolts	M20	225mm, 365mm	EN 10025-2
Base channels	162x190x38x5mm	3000mm	EN 10025-2

Bolts and nuts shall be galvanised in accordance with EN ISO 1461 and 10684.

Base channels shall be galvanised in accordance with EN ISO 1461.

Bolts and nuts are delivered with certificate 3.1 acc. to EN 10204.

PLATE DIMENSIONS AND HOLE CONFIGURATION

Standard plate dimensions and standard hole sizes and configurations are presented In the “Catalogue of Production Standard Solutions and Details– Drawing no SC.2”.

DURABILITY:

The corrosion resistance of the steel is the main factor ensuring the durability of the structure.

Durability of SuperCor® structures - is ensured by:

- **Zinc coating**
- **Paint coating**
- **Sacrificial thickness of the steel plate (increasing of the plate thickness)**

Depending on environmental conditions (aggressivity), calculated durability may be longer than 100 years.

ZINC COATING

The structural plates are galvanised in accordance with EN ISO 1461. Table No 1 presents a feasible range of zinc coat thicknesses. The zinc coat thickness is verified by means of magnetic method in accordance with EN ISO 2178. Each structure is delivered with a certificate of galvanising.

The bolts and nuts are galvanised in accordance with EN ISO 1461 and 10684.

TOLERANCES OF STRUCTURE'S GEOMETRY

The values of the geometric parameters of the structure after assembly should not differ from the designed values more than:

- **span + 2%**
- **rise +2% /-4% for box type structures, ± 2% for other type structures**
- **length + 0.5%**

The vertical displacement of the structure's crown point during the backfilling process should not exceed 2% of its span measured before backfilling.

EXTRA THICKNESSES OF ZINC COATING

Plate thickness [mm]	Thickness of zinc coating acc. to EN ISO 1461 [µm]	Extra thickness of zinc coating available on customer's demand as a standard [µm]									Extra thickness of zinc coating available on customer's demand by special conditions [µm]								
	70	85	75	80	85	90	95	100	105	110	115	105	110	120	125	130	135	140	145	150
5,50												X	X	X						
6,00	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-		
7,00	-	X	-	-	-	X	X	X	X	X	X	-	-	X	X	X	X	-X	X	
8,00	-	X	-	-	-	X	X	X	X	X	X	-	-	X	X	X	X	X	X	

X - available thickness of zinc coating

VIACOAT SYSTEM

The extension of the durability of SuperCor® structures (mainly necessary in aggressive environments) is achieved by applying additional corrosion protection – epoxy (EP), polyurethane (PUR), or other painting systems. The doubled corrosion protection of a structure (zinc coating and paint system) is commonly known as the ViaCoat system. Total durability of the corrosion protection system is higher than summarised durability of individual zinc and paint layers. The synergy factor is between 1.5(200µm) and 2.5(400µm) and depends on the thickness (given in the brackets) of paint coating. The minimum adhesion of the paint to the zinc base measured by the pull-off method should be 4 MPa. In order to obtain proper protection effect, paint coatings are applied in controlled conditions (closed area with defined temperature and humidity), keeping the technological regime. ViaCon's standard painting system colour is RAL 1013 or 7035. The painted structure is always delivered with a certificate of painting.

OTHER INFORMATION

Each application of a SuperCor® structure requires technical design, including estimated loads, hydrological conditions and other limiting factors. Appropriate rise and span of the cross section should be chosen and the lifetime analysis should specify the anti-corrosion system to be applied. The design should follow the guidelines issued by ViaCon as well as respective country-specific requirements. Foundations for corrugated steel structures with open shapes should be designed on an individual basis. The system includes flexible foundations. Dewatering systems should be designed on an individual basis.

LIST OF STANDARDS:

EN ISO 898-1 – "Mechanical properties of fasteners made of carbon steel and alloy steel. Bolts, screws and studs with specified property classes. Coarse thread and fine pitch thread".

EN ISO 1090-1 – "Execution of steel structures and aluminum structures. Requirements for conformity assessment of structural components".

EN ISO 1461 – "Hot-dip galvanised coatings on fabricated iron and steel articles. Specifications and test methods".

EN ISO 1991-2 – "Eurocode 1. Actions on structures – Part2: Traffic loads on bridges".

EN ISO 2178 – "Non-magnetic coatings on magnetic substrates. Measurement of coating thickness. Magnetic method".

EN 10025-2 - "Hot-rolled products of structural steels – Part 2: Technical delivery conditions for non-alloy structural steels".

EN 10149-2 - "Designation hot-rolled flat products made of high yield strength steels for cold forming – Delivery conditions for thermo-mechanically rolled steels".

EN 10204 – "Metallic products. Types of inspection documents'.

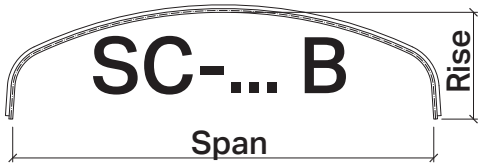
EN ISO 10684 – "Fasteners. Hot-dip galvanised coatings".

TRANSPORT AND STORAGE

Unloading and placement of the structure's elements should be performed with the use of light mechanical crane devices and textile belts. The structure's elements should not be dropped from the transportation unit. Plates can be stored in stacks using wooden or carton spacers.

Any damages to the corrosion protection caused during transportation, unloading or assembly must be repaired in accordance with the "Assembly & Backfilling Guide".

APENDIX

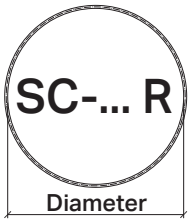


VIACON SUPERCOR STRUCTURE - SC-...B STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-1B	3,17	1,18	3,12
SC-2B	3,55	1,42	4,33
SC-3B	3,84	1,46	4,94
SC-4B	3,97	2,21	7,32
SC-5B	3,86	1,26	4,19
SC-6B	4,11	1,86	6,55
SC-7B	4,21	1,31	4,78
SC-8B	4,74	1,96	8,14
SC-9B	4,55	1,36	5,38
SC-10B	4,89	1,61	6,96
SC-11B	4,86	2,36	10,08
SC-12B	5,16	2,42	11,07
SC-13B	5,21	1,67	7,71
SC-14B	5,36	2,07	9,88
SC-15B	5,32	1,44	6,61
SC-16B	5,44	2,48	12,05
SC-17B	5,66	1,50	7,33
SC-18B	5,96	2,64	14,24
SC-19B	5,89	1,60	8,15
SC-20B	6,16	1,90	10,31
SC-21B	6,24	2,72	15,37
SC-22B	6,32	1,64	8,92
SC-23B	6,48	1,98	11,26
SC-24B	6,50	2,38	13,88
SC-25B	6,64	1,72	9,78
SC-26B	6,97	1,80	10,66
SC-27B	7,00	2,20	13,49
SC-28B	7,02	2,61	16,36
SC-29B	7,29	1,87	11,57
SC-30B	7,30	2,29	14,60
SC-31B	7,31	2,69	17,56
SC-32B	7,32	3,09	20,51
SC-33B	7,40	1,68	10,20
SC-34B	7,80	1,96	12,70
SC-35B	7,94	2,37	15,89
SC-36B	8,58	1,92	13,90
SC-37B	8,60	2,32	17,38
SC-38B	8,64	2,74	20,91
SC-39B	9,14	1,94	14,64
SC-40B	9,22	2,34	18,36
SC-41B	9,31	2,75	22,11
SC-42B	9,81	2,10	16,90
SC-43B	9,87	2,51	20,89
SC-44B	9,92	2,92	24,94
SC-45B	10,46	2,28	19,42
SC-46B	10,49	2,69	23,66

VIACON SUPERCOR STRUCTURE - SC-...B STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-47B	10,52	3,10	27,97
SC-48B	10,89	2,36	20,60
SC-49B	10,94	2,76	25,02
SC-50B	10,99	3,16	29,46
SC-51B	11,64	2,53	23,30
SC-52B	11,70	2,93	28,03
SC-53B	11,75	3,35	32,83
SC-54B	12,27	2,75	26,49
SC-55B	12,29	3,15	31,46
SC-56B	12,32	3,56	36,45
SC-57B	13,03	2,83	30,73
SC-58B	13,05	3,24	36,02
SC-59B	14,09	3,07	35,61
SC-60B	14,11	3,48	41,34
SC-61B	15,02	3,17	38,38
SC-62B	15,04	3,57	44,53
SC-63B	15,58	3,84	49,46
SC-64B	15,75	3,99	52,12

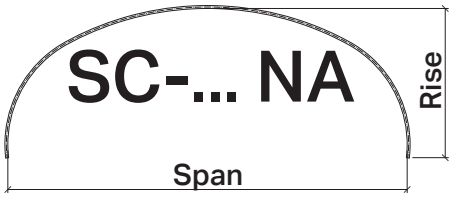


VIACON SUPERCOR STRUCTURE - SC-...R STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-64R	8,14	8,14	52,03
SC-66R	8,40	8,40	55,39
SC-68R	8,66	8,66	58,85
SC-70R	8,92	8,92	62,43
SC-72R	9,17	9,17	66,10
SC-74R	9,43	9,43	69,88
SC-76R	9,69	9,69	73,77
SC-78R	9,95	9,95	77,76
SC-80R	10,21	10,21	81,86
SC-82R	10,46	10,46	85,93
SC-84R	10,72	10,72	90,26
SC-86R	10,98	10,98	94,69
SC-88R	11,24	11,24	99,23
SC-90R	11,50	11,50	103,87
SC-94R	12,02	12,02	113,47
SC-98R	12,53	12,53	123,31
SC-102R	13,05	13,05	133,76
SC-106R	13,57	13,57	144,63
SC-110R	14,08	14,08	155,70
SC-114R	14,60	14,60	167,42

VIACON SUPERCOR STRUCTURE - SC-...R STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-118R	15,12	15,12	179,55
SC-122R	15,64	15,64	192,12

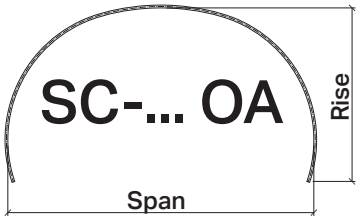


VIACON SUPERCOR STRUCTURE - SC-...NA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-1NA	8,00	3,59	23,53
SC-2NA	9,00	3,76	28,15
SC-3NA	9,50	3,96	31,54
SC-4NA	10,00	3,96	33,14
SC-5NA	10,00	4,55	38,93
SC-6NA	10,50	3,97	34,75
SC-7NA	11,00	4,19	38,53
SC-8NA	11,00	4,78	44,86
SC-9NA	11,50	4,22	40,26
SC-10NA	12,00	4,26	42,02
SC-11NA	12,00	5,64	57,10
SC-12NA	12,50	4,50	46,26
SC-13NA	13,00	4,55	48,18
SC-14NA	13,00	5,89	64,39
SC-15NA	13,50	4,61	50,12
SC-16NA	14,00	4,88	54,88
SC-17NA	14,00	6,54	75,91
SC-18NA	14,50	5,15	61,42
SC-19NA	15,00	5,23	62,13
SC-20NA	15,00	7,02	87,32
SC-21NA	15,50	5,52	67,55
SC-22NA	16,00	4,92	64,47
SC-23NA	16,00	6,67	89,41
SC-24NA	16,50	5,17	69,78
SC-25NA	17,00	5,22	72,02
SC-26NA	17,00	6,72	94,96
SC-27NA	17,50	5,28	74,29
SC-28NA	18,00	5,55	80,14
SC-29NA	18,00	7,00	104,17
SC-30NA	18,50	5,62	82,59
SC-31NA	19,00	5,89	88,82
SC-32NA	19,00	7,10	110,10
SC-33NA	19,50	5,97	91,46
SC-34NA	20,00	6,25	98,10
SC-35NA	20,00	7,42	120,17
SC-36NA	20,50	6,34	100,94

VIACON SUPERCOR STRUCTURE - SC-...NA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-37NA	21,00	6,63	107,96
SC-38NA	21,00	8,46	144,33
SC-39NA	21,50	6,93	115,24
SC-40NA	22,00	5,92	104,20
SC-41NA	22,00	8,26	151,51
SC-42NA	22,50	6,17	111,18
SC-43NA	23,00	6,94	129,33
SC-44NA	23,00	8,91	170,68
SC-45NA	23,50	7,01	132,55
SC-46NA	24,00	7,28	140,31
SC-47NA	24,00	8,99	178,19
SC-48NA	24,53	7,34	143,54
SC-49NA	25,05	7,41	146,79
SC-50NA	25,00	9,29	190,75
SC-51NA	25,50	7,69	155,09

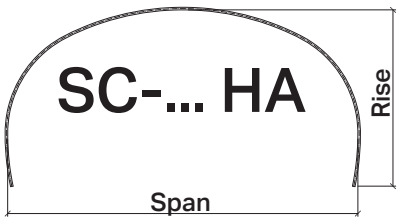


VIACON SUPERCOR STRUCTURE - SC-...OA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-1OA	9,32	4,54	34,04
SC-2OA	9,30	5,33	41,30
SC-3OA	9,54	4,65	35,92
SC-4OA	9,52	5,24	41,50
SC-5OA	9,84	4,76	37,87
SC-6OA	9,89	5,55	45,67
SC-7OA	10,21	5,02	41,90
SC-8OA	10,19	5,74	49,53
SC-9OA	10,52	4,62	39,65
SC-10OA	10,60	5,23	46,00
SC-11OA	10,52	5,94	52,21
SC-12OA	10,83	4,73	41,69
SC-13OA	10,80	5,32	48,03
SC-14OA	10,79	6,03	54,43
SC-15OA	11,12	5,00	45,88
SC-16OA	11,08	5,40	50,22
SC-17OA	11,14	6,33	59,11
SC-18OA	11,35	5,10	48,06
SC-19OA	11,43	5,63	54,56
SC-20OA	11,37	6,44	61,45
SC-21OA	11,64	5,19	50,29
SC-22OA	11,70	5,72	56,86
SC-23OA	11,66	6,50	64,04

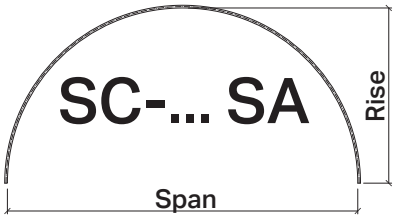
VIACON SUPERCOR STRUCTURE - SC-...OA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-24OA	12,00	5,41	54,64
SC-25OA	11,99	5,84	59,37
SC-26OA	77,99	6,71	67,29
SC-27OA	12,26	5,53	51,13
SC-28OA	12,27	6,09	63,95
SC-29OA	12,29	7,00	72,32
SC-30OA	12,57	5,79	61,76
SC-31OA	12,60	6,23	66,92
SC-32OA	12,62	7,00	74,85
SC-33OA	12,89	5,91	64,62
SC-34OA	12,92	6,35	69,66
SC-35OA	12,94	7,28	80,12
SC-36OA	13,25	6,06	67,36
SC-37OA	13,21	6,46	72,50
SC-38OA	13,21	7,48	83,50
SC-39OA	13,45	6,27	72,06
SC-40OA	13,43	6,61	75,37
SC-41OA	13,40	7,54	85,97
SC-42OA	13,74	6,28	74,10
SC-43OA	13,75	6,81	78,63
SC-44OA	13,84	7,75	89,95
SC-45OA	14,06	6,46	77,55
SC-46OA	14,07	6,96	83,52
SC-47OA	14,25	7,97	95,83
SC-48OA	14,29	6,62	80,50
SC-49OA	14,38	7,08	86,59
SC-50OA	14,44	8,19	99,18
SC-51OA	14,66	6,74	83,73
SC-52OA	14,68	7,23	89,95
SC-53OA	14,70	8,22	102,07
SC-54OA	14,92	6,89	86,54
SC-55OA	14,97	7,44	93,42
SC-56OA	14,99	8,50	108,04
SC-57OA	15,27	7,04	90,22
SC-58OA	15,32	7,53	96,63
SC-59OA	15,24	8,64	111,44



VIACON SUPERCOR STRUCTURE - SC-...HA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-1HA	9,00	5,17	40,67
SC-2HA	10,00	5,37	47,06
SC-3HA	11,00	5,86	56,27
SC-4HA	12,00	6,11	63,68
SC-5HA	13,00	6,46	72,07
SC-6HA	14,00	7,01	83,57
SC-7HA	15,00	7,35	92,90
SC-8HA	16,00	7,98	111,11
SC-9HA	17,00	8,48	124,98
SC-10HA	18,00	9,21	143,30
SC-11HA	19,00	9,56	155,81
SC-12HA	20,00	10,34	176,71
SC-13HA	21,00	10,92	194,68
SC-14HA	22,00	11,36	216,73
SC-15HA	23,00	11,89	236,34
SC-16HA	24,00	12,46	257,12
SC-17HA	25,00	13,02	278,58



VIACON SUPERCOR STRUCTURE - SC-...SA STANDARD PROFILES

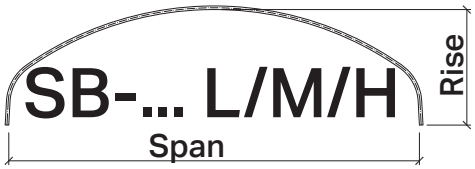
Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-27SA	6,99	3,50	19,19
SC-28SA	7,25	3,62	20,64
SC-29SA	7,51	3,75	22,14
SC-30SA	7,77	3,88	23,68
SC-31SA	8,03	4,01	25,30
SC-32SA	8,28	4,14	26,94
SC-33SA	8,54	4,27	28,65
SC-34SA	8,80	4,40	30,42
SC-35SA	9,06	4,53	32,23
SC-36SA	93,20	4,66	34,11
SC-37SA	9,58	4,79	36,03
SC-38SA	9,84	4,92	37,99
SC-39SA	10,10	5,05	40,03
SC-40SA	10,35	5,18	42,10
SC-41SA	10,61	5,31	44,22
SC-42SA	10,87	5,44	46,42
SC-43SA	11,13	5,57	48,65
SC-44SA	11,39	5,70	50,95
SC-45SA	11,65	5,82	53,28
SC-46SA	11,91	5,95	55,67

VIACON SUPERCOR STRUCTURE - SC-...SA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-47SA	12,17	6,08	58,12
SC-48SA	12,42	6,21	60,61
SC-49SA	12,68	6,34	63,16
SC-50SA	12,94	6,47	65,78
SC-51SA	13,20	6,60	68,42
SC-52SA	13,46	6,73	71,12
SC-53SA	13,72	6,86	73,90
SC-54SA	13,98	6,99	76,71
SC-55SA	14,23	7,19	79,56
SC-56SA	14,49	7,25	82,50
SC-57SA	14,75	7,38	85,46
SC-58SA	15,01	7,51	88,50
SC-59SA	15,27	7,64	91,57
SC-60SA	15,53	7,76	94,69
SC-61SA	15,79	7,89	97,88
SC-62SA	16,05	8,02	101,11
SC-63SA	16,30	8,15	104,39
SC-64SA	16,56	8,28	107,74
SC-65SA	16,82	8,41	111,13
SC-66SA	17,08	8,54	114,56
SC-67SA	17,34	8,67	118,08
SC-68SA	17,60	8,80	121,61
SC-69SA	17,86	8,93	125,23
SC-70SA	18,12	9,06	128,88
SC-71SA	18,37	9,19	132,58
SC-72SA	18,63	9,32	136,33
SC-73SA	18,89	9,45	140,16
SC-74SA	19,15	9,58	144,01
SC-75SA	19,41	9,70	147,95
SC-76SA	19,67	9,83	151,91
SC-77SA	19,93	9,96	155,92
SC-78SA	20,19	10,09	160,01
SC-79SA	20,44	10,22	164,13
SC-80SA	20,70	10,35	168,30
SC-81SA	20,96	10,48	172,55
SC-82SA	21,22	10,61	176,83
SC-83SA	21,48	10,74	181,19
SC-84SA	21,74	10,87	185,57
SC-85SA	22,00	11,00	190,00
SC-86SA	22,26	11,13	194,52
SC-87SA	22,51	11,26	199,05
SC-88SA	22,77	11,39	203,64
SC-89SA	23,03	11,52	208,32
SC-90SA	23,29	11,64	213,01
SC-91SA	23,55	11,77	217,75
SC-92SA	23,91	11,90	222,59
SC-93SA	24,07	12,03	227,44

VIACON SUPERCOR STRUCTURE - SC-...SA STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SC-94SA	24,33	12,16	232,38
SC-95SA	24,58	12,29	237,34
SC-96SA	24,84	12,42	242,34

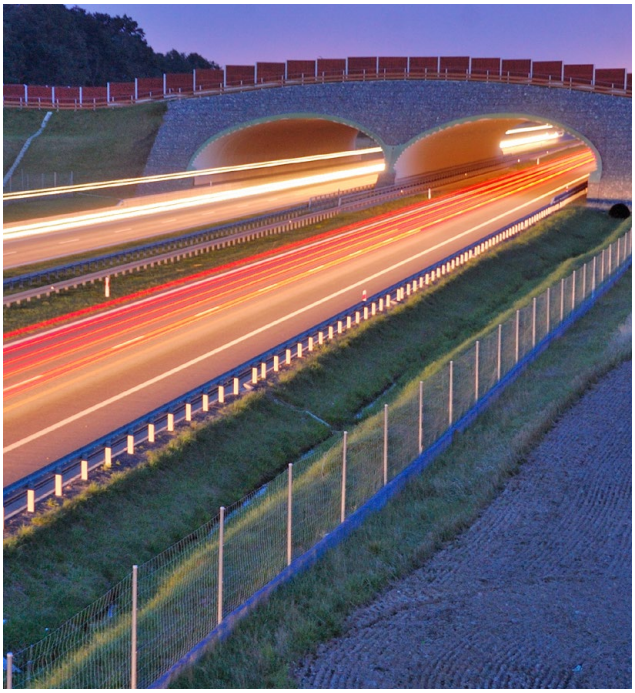


VIACON SUPERCOR STRUCTURE - SB-...L,SB-...M& SB-...H STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SB-3H	3,53	1,46	4,38
SB-4L	3,92	1,32	4,27
SB-4H	3,93	1,64	5,71
SB-5L	5,15	1,63	7,06
SB-5H	5,05	2,04	9,07
SB-6L	6,00	1,70	8,48
SB-6H	6,09	2,07	10,83
SB-7L	7,00	1,97	11,24
SB-7H	7,02	2,36	13,99
SB-8L	8,01	2,23	14,42
SB-8H	8,01	2,70	17,88
SB-9L	9,07	2,05	15,26
SB-9H	9,05	2,58	19,32
SB-10L	10,09	2,29	18,79
SB-10H	10,11	2,90	23,72
SB-11L	11,02	2,45	21,24
SB-11H	11,02	3,13	26,94
SB-12L	12,02	2,71	25,51
SB-12H	12,03	3,36	31,70
SB-13L	13,02	2,90	29,93
SB-13H	13,13	3,57	36,62
SB-14L	14,01	3,10	34,48
SB-14H	14,09	4,01	44,88
SB-15L	15,07	3,12	36,61
SB-15M	15,01	3,59	41,64
SB-15H	15,05	4,32	49,54
SB-16L	16,01	3,19	39,09
SB-16M	16,02	3,89	49,40
SB-16H	16,01	4,50	57,25
SB-17L	17,10	3,52	47,40
SB-17M	17,09	4,16	56,25
SB-17H	17,09	4,84	64,93
SB-18L	18,00	3,69	51,30
SB-18M	18,03	4,33	60,63
SB-18H	18,09	5,14	72,71

VIACON SUPERCOR STRUCTURE - SB-...L,SB-...M& SB-...H STANDARD PROFILES

Name	Span - inner [m]	Rise - inner [m]	Area [m²]
SB-19L	19,04	3,90	57,18
SB-19M	19,01	4,66	68,28
SB-19H	19,02	5,27	77,38
SB-20L	20,07	4,12	64,08
SB-20M	20,08	4,85	74,94
SB-20H	20,04	5,70	88,90



VIACON

Constructing connections.
Consciously.