

VIC

Primary grid system

Key features

- Create a primary framework underneath beams or between walls
- Install a suspended ceiling below, using fewer suspension points to the structure
- Wide span system to bridge up to 6.50 m spans

Application areas

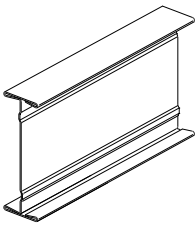
- Industrial / Transport / Buildings with limited suspension points

Physical data

- Material: galvanised steel
- Surface finish: galvanised

VIC

Profiles

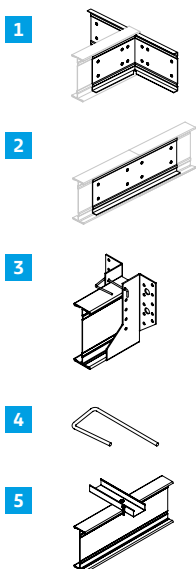


Item reference	Dimensions (mm)			Content/carton		Weight/ carton kg	Cartons/ pallet
	Length	Width	Height	pcs	lm		
VIC40-5000	5000	40	47	10	50	48.00	30
VIC50-5000	5000	40	57	10	50	50.00	30
VIC500W-5000*	5000	40	57	10	50	50.00	30
VIC80-5000	5000	40	87	8	40	48.00	30
VIC88-5000	5000	40	87	6	30	45.00	30
VIC120-6500 (10)	6500	40	120	10	65	162.00	5
VIC120-6500 (25)	6500	40	120	25	165.5	405.00	1
VIC120-4000	4000	40	120	10	40	100.00	5
VIC120-5000	5000	40	120	10	50	124.00	5

*One side painted white.

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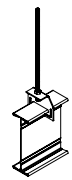
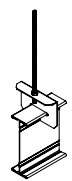
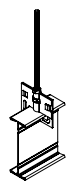


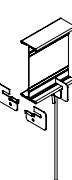
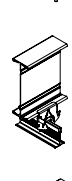
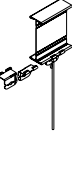

Accessories



No.	Item reference	Dimensions Length (mm)	Content/carton pcs	lm	Weight/ carton kg	Description
1	VIC410	-	100	-	5	Cross / wall connector
1	VIC 510	-	100	-	6	90° connector with 6 pre-drilled holes for fixing using bolts and nuts (M6). Always use in pairs.
1	VIC1810	-	100	-	20	
1	VIC1210	-	100	-	20	
2	VIC420	-	100	-	7	
2	VIC520	-	100	-	10	Splice connector with 8 pre-drilled holes for fixing using bolts and nuts (M6). Always use in pairs.
2	VIC1820	-	100	-	14	
2	VIC1220	-	50	-	19	
3	VIC1230-B	-	25	-	11	Wall connector, securing pin required SB-N
4	SB-N	-	100	-	1	Securing pin
5	DE-C2040	3000	30	90	19.1	Stabilizer Bar for VIC profiles

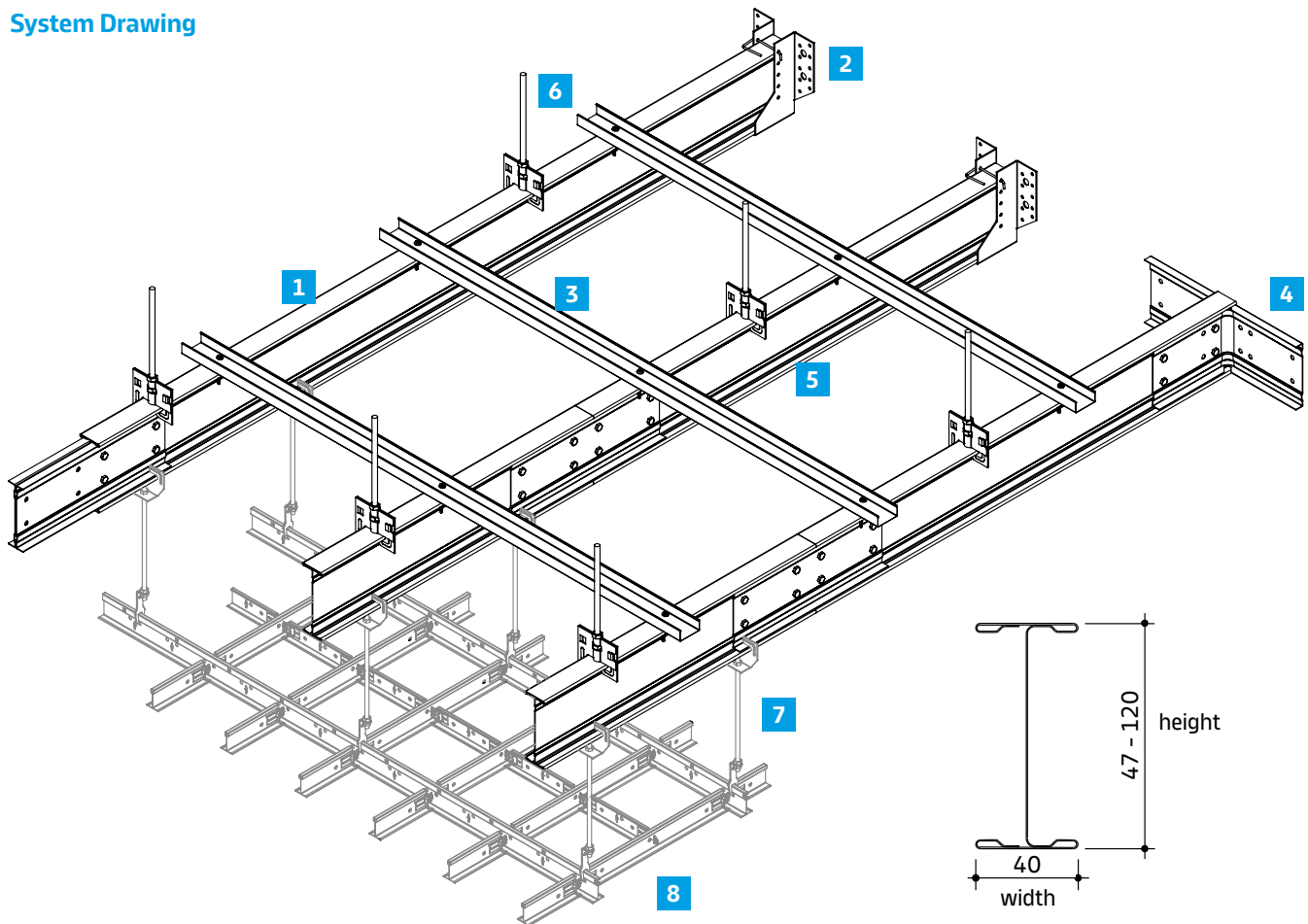
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Accessories

No.	Item reference	Max. load capacity ¹ (static)	Max. load capacity ¹ (dynamic)	Content/ carton pcs	Weight/ carton kg	Description
	1 PSF70	700N	700N	100	5	Hanger for fixing the VIC profiles to the soffit or for fixing the substructure to the VIC systems* ³
	2 PSF150	1.400N	1.400N	50	5	Hanger for fixing the VIC profiles to the soffit* ²
	3 PSF160	1.600N	1.200N	50	5	Hanger for fixing the VIC profiles to the soffit* ²
	4 BD5	-	-	100	3.9	Clamp Bracket VIC 50, 6 mm threaded rod
	5 BD8	-	-	100	4.7	Clamp Bracket VIC 80, 6 mm threaded rod
	6 PSF20	500N	500N	100	3	Direct hanger, 2 part, for fixing the substructure, suitable for all VIC systems ³
	7 PSF25-Plus	350N	350N	50	3	Direct hanger for fixing the substructure, suitable for all VIC systems. Main tees, Espace profiles, CD-Profiles ³
	8 PSF40	480N	480N	50	3.9	Hanger for VIC 40-50-80 and 88, assembly with omega profile (40 mm width) or fixation of wire hangers D= 4 mm* ³
	9 RE6	-	-	25	0.08	Washer for PSF150/160 Threaded Rod

¹ as per EN 13964.² The specified max. load values refer to use in combination with a VIC 120 profile. For other VIC profiles the values are lower. For detailed information please contact the technical department.³ When used in combination with VIC 500 W the max. load values are lower. For detailed information please contact the technical department.

System Drawing



System combination

No.	Description	Item reference					
1	Wide span profile	VIC40	VIC500W	VIC50	VIC80	VIC88	VIC120
2	Wall connector	VIC1230-B	VIC1230-B	VIC1230-B	VIC1230-B	VIC1230-B	VIC1230-B
3	Reinforcement profile ¹	DE-C2040	DE-C2040	DE-C2040	DE-C2040	DE-C2040	DE-C2040
4	Cross connector	VIC410	VIC510	VIC510	VIC1810	VIC1810	VIC1210
5	Splice connector	VIC420	VIC520	VIC520	VIC1820	VIC1820	VIC1220
6	Hanger to soffit	PSF70	PSF70	PSF70	PSF70	PSF70	PSF150
7	Hanger to grid structure	PSF70, PSF25-plus or PSF 20					
8	Grid structure						






¹ Reinforcement profile per VIC profile with two self-drilling screws, e.g. 2x TCB Philips 4.8 x 13

Load Table

Maximum permissible weight (kg/m²)

Load table ¹ Permissible weight (kg/m ²), deflection L/300											
	Wide span profile distances	Hanger distances									
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
VIC 40	1.2 m	19.0	10.0	6.0	3.5						
	1.6 m	14.0	6.5	4.0							
VIC 500W	1.2 m		13.0	7.5	4.5						
	1.6 m		10.0	5.0							
VIC 50	1.2 m		15.5	8.5	5.						
	1.6 m		11.0	6.0	4.0						
VIC 80	1.2 m			22.0	14.0	9.5	6.5	5.0			
	1.6 m			16.0	10.0	7.0	5.0	3.0			
VIC 88	1.2 m				16.5	13.0	9.0	6.5			
	1.6 m				12.0	10.0	6.5	4.5			
VIC 120	1.2 m						24.5	18.0	13.5	10.5	7.5
	1.6 m						18.0	13.0	10.0	7.05	5.5
	2.2 m						13.0	9.5	7.0	5.5	4.0
No. Cross Tees /reinforcement profiles		1 x				2 x			3 x		

¹ For all installations, up to three reinforcement profiles must be used between two fixing points (see system drawing) to ensure no over-turning of the profiles.

Characteristics	Detailed information	
Fire reaction 	Euroclass A1 as per EN 13501-1	
Indoor air quality 		A+
Cleanability		
Sustainability		up to 25%

All measurements in millimetres. All sizes are nominal.

Products may vary from country to country. Please contact your local sales representative. For further information and legal notice, please visit our website.