

# GREEN LINE

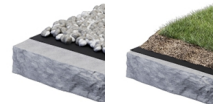
## LIFE LINE ON SUPPORTS WITH BALLAST

EN  
795:2012 C

CEN/TS  
16415:2013

### FUNCTIONAL

Supporting system that does not require roof perforation. It avoids thermal bridges and respects the waterproofing of the structure.



### FAST INSTALLATION

The system consists of few components which facilitate and speed up mounting.

### UNOBTRUSIVE

System with reduced visual impact, almost invisible once installed.



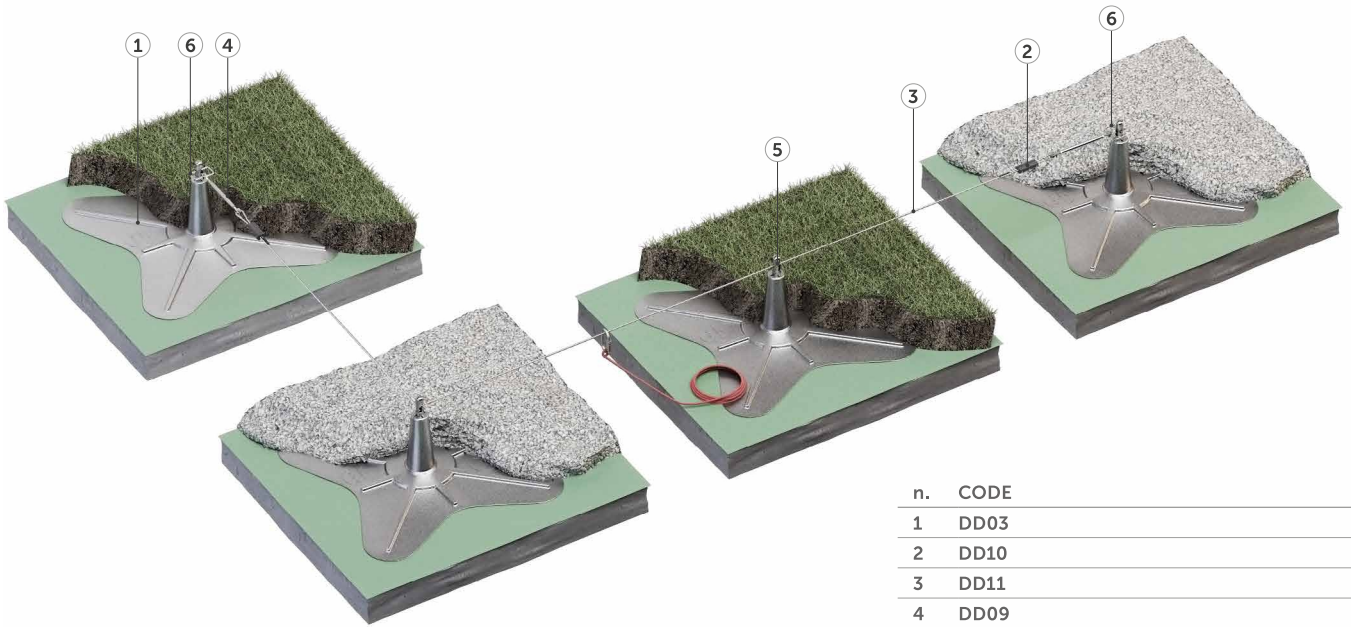
LOAD DIRECTION



TYPES OF APPLICATION

▼ *Life line on supports installed at "dead weight" on a flat roof.*

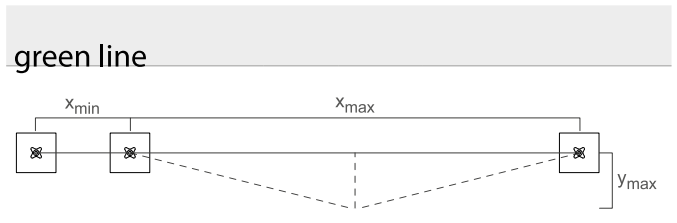




n.	CODE
1	DD03
2	DD10
3	DD11
4	DD09
5	DD06 + D005
6	DD07

**TECHNICAL DATA**

		GREEN LINE tensioner
minimum spacing	$X_{min}$ [m]	1,5
maximum spacing	$X_{max}$ [m]	8
maximum deflection	$Y_{max}$ [m]	2,38

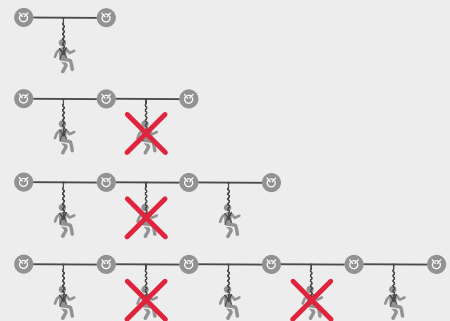


		system characteristics
ballast support dimensions	[cm]	300 x 300 (±5%) x 30 (±1%)
support for ballast		glass-fibre reinforced plastic cone with laminated ballast mat (frost-resistant)
distance between supports	[m]	1,5 - 8
minimum weight of material for ballast*	[kg/m <sup>2</sup> ]	80
steel rope type	[mm]	Ø8 (7 x 19)
durability		weatherproof (UV-resistant, it can be used in frost and heat)

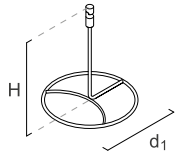
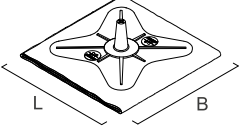
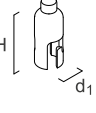

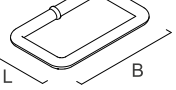

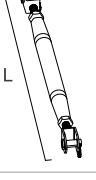

\* If an additional mat is used: 30 kg/m<sup>2</sup>. All technical data are average values. They are based on measurements from various test institutes and measurement laboratories. We reserve the right to make technical changes

**NUMBER OF USERS**

Unlimited. Each operator working on one span must have at least both spans beside it free of operators. See diagram aside.



## CODES AND DIMENSIONS

CODE	description	material	d <sub>1</sub> [mm]	B [mm]	H [mm]	L [mm]	s [mm]	pcs	
DD02	internal side anchor point	AISI 316L stainless steel grade 1.4404	250	-	300	-	-	1	
DD03	tarpaulin with possibility of installing ballasts 3 x 3 m with external cone	glass fibre reinforced plastic (GFRP)	-	3000	-	3000	-	1	
DD05	fastening head	AISI 316L stainless steel grade 1.4404	28	-	60	-	-	1	
DD06	fastening ring	AISI 316L stainless steel grade 1.4404	31,5	-	23	-	-	1	
DD07	square ring	AISI 316L stainless steel grade 1.4404	-	57,5	-	87,5	-	1	
DD08	eyelet to form rope loop	AISI 316L stainless steel grade 1.4404	-	38	-	58	-	1	
DD09	cable tensioner	AISI 316L stainless steel grade 1.4404	-	-	-	290-415	-	1	
DD12	pair of clamps and plate set	aluminium	-	-	-	-	-	1	 x 2
CABLE	Ø8 7 x 19 steel rope	AISI 316L stainless steel grade 1.4404	Ø8	-	-	-	-	1	