DIAN E BIKE RACK

LCA overview
Product: DIAN E bike rack

Scope: A1, A2, A3. GWP = Global Warming Potential
ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards.
The results follow EN 15804+A2.
E = single, F = mounted, N = embedded, galv = galvanized steel, RAL = powdercoating
The same LCA results apply to variations with angled (45°) clamps.

Product name	Description	Parking spaces	Clamp distance	Length	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian E, modul m3, galv	Hot-dip galvanized steel	3	500 mm	1,5 m	x		Bolt-mounted	34,5	75,6	73,9
							Embedded	40,5	86,4	84,7
Dian E, modul m3, RAL	Hot-dip galvanized, powder coated steel	3	500 mm	1,5 m	x	x	Bolt-mounted	35,9	92,6	90,7
							Embedded	42,1	105	103
Dian E modul m4, galv	Hot-dip galvanized steel	4	500 mm	2 m	x		Bolt-mounted	39,5	85,4	83,1
							Embedded	45,5	96,2	93,9
Dian E, modul m4, RAL	Hot-dip galvanized, powder coated steel	4	500 mm	2 m	x	x	Bolt-mounted	41,1	104	101
							Embedded	47,4	116	114
Dian E, modul m5, galv	Hot-dip galvanized steel	5	500 mm	2,5 m	x		Bolt-mounted	44,5	95,3	92,4
							Embedded	50,6	106	103
Dian E, modul m5, RAL	Hot-dip galvanized, powder coated steel	5	500 mm	2,5 m	x	x	Bolt-mounted	46,3	115	112
							Embedded	46,3	127	124

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The same LCA results apply to variations with angled (45°) clamps.

Product name	Description	Parking spaces	Clamp distance	Length	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian E, modul m3, galv	Hot-dip galvanized steel	3	600 mm	1,8 m	x		Bolt-mounted	36,2	79	76,6
							Embedded	42,2	89,7	87,4
Dian E, modul m3, RAL	Hot-dip galvanized, powder coated steel	3	600 mm	1,8 m	x	x	Bolt-mounted	36,2	96,4	93,8
							Embedded	43,9	109	106
Dian E modul m4, galv	Hot-dip galvanized steel	4	600 mm	2,4 m	x		Bolt-mounted	41,7	89,9	86,9
							Embedded	47,8	101	97,7
Dian E, modul m4, RAL	Hot-dip galvanized, powder coated steel	4	600 mm	2,4 m	x	x	Bolt-mounted	43,4	109	106
							Embedded	49,7	121	117
Dian E, modul m5, galv	Hot-dip galvanized steel	5	600 mm	3 m	x		Bolt-mounted	47,3	101	97,2
							Embedded	53,4	112	108
Dian E, modul m5, RAL	Hot-dip galvanized, powder coated steel	5	600 mm	3 m	x	x	Bolt-mounted	49,2	121	111
							Embedded	55,5	134	130

LCA overview
Product: DIAN wall, individual stand

Scope: A1, A2, A3. GWP = Global Warming Potential
ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards.
The results follow EN 15804+A2.
V = wall, E = individual, galv = galvanized steel, RAL = powdercoating
The same LCA results apply to variations with angled (45°) clamps.

Product name	Description	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian VE, væg, galv	Hot-dip galvanized steel	x		Wall-mounted	11,8	31,8	30,3
Dian VE, væg, RAL	Hot-dip galvanized, powder coated steel	x	x	Wall-mounted	12,3	42,9	41,3

DIAN D BIKE RACK

LCA overview
Product: DIAN D bike rack

Scope: A1, A2, A3. GWP = Global Warming Potential
ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards.
The results follow EN 15804+A2.
D = double, F = mounted, N = embedded, galv = galvanized steel, RAL = powdercoating

Product name	Description	Parking spaces	Clamp distance	Length	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian D, modul m6, galv	Hot-dip galvanized steel	6	500 mm	1,5 m	x		Bolt-mounted	41,7	90,2	88,6
							Embedded	47,8	101	99,4
Dian D, modul m6, RAL	Hot-dip galvanized, powder coated steel	6	500 mm	1,5 m	x	x	Bolt-mounted	43,4	109	107
							Embedded	49,7	121	120
Dian D, modul m8, galv	Hot-dip galvanized steel	8	500 mm	2 m	x		Bolt-mounted	49,2	105	103
							Embedded	55,2	116	114
Dian D, modul m8, RAL	Hot-dip galvanized, powder coated steel	8	500 mm	2 m	x	x	Bolt-mounted	51,1	126	123
							Embedded	57,4	138	136
Dian D, modul m10, galv	Hot-dip galvanized steel	10	500 mm	2.5 m	x		Bolt-mounted	56,6	120	117
							Embedded	62,7	131	128
Dian D, modul m10, RAL	Hot-dip galvanized, powder coated steel	10	500 mm	2,5 m	x	x	Bolt-mounted	58,9	142	139
							Embedded	65,2	155	152

LCA overview
Product: DIAN D bike rack

Scope: A1, A2, A3. GWP = Global Warming Potential
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The results follow EN 15804+A2.
D = double, F = mounted, N = embedded, galv = galvanized steel, RAL = powdercoating

Product name	Description	Parking spaces	Clamp distance	Length	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian D, modul m6, galv	Hot-dip galvanized steel	6	600 mm	1,8 m	x		Bolt-mounted	43,4	93,6	91,3
							Embedded	49,5	104	102
Dian D, modul m6, RAL	Hot-dip galvanized, powder coated steel	6	600 mm	1,8 m	x	x	Bolt-mounted	45,2	113	110
							Embedded	51,5	125	123
Dian D, modul m8, galv	Hot-dip galvanized steel	8	600 mm	2,4 m	x		Bolt-mounted	51,4	109	107
							Embedded	57,5	120	117
Dian D, modul m8, RAL	Hot-dip galvanized, powder coated steel	8	600 mm	2,4 m	x	x	Bolt-mounted	53,5	131	128
							Embedded	59,8	143	140
Dian D, modul m10, galv	Hot-dip galvanized steel	10	600 mm	3 m	x		Bolt-mounted	59,4	125	122
							Embedded	65,5	136	133
Dian D, modul m10, RAL	Hot-dip galvanized, powder coated steel	10	600 mm	3 m	x	x	Bolt-mounted	61,8	149	145
							Embedded	68,1	161	157

LCA overview
Product: DIAN bollard

Scope: A1, A2, A3. GWP = Global Warming Potential
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The results follow EN 15804+A2.
F = mounted, N = embedded, galv = galvanized steel, RAL = powdercoating

Product name	Description	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian Pullert Ø114 N, galv	Hot-dip galvanized steel	x		Bolt-mounted	11,8	31,8	30,3
Dian Pullert Ø114 N, RAL	Hot-dip galvanized, powder coated steel	x	x	Embedded	12,3	42,9	41,3

DIAN MOUNTING

LCA overview
Product: DIAN mounting options

Scope: A1, A2, A3. GWP = Global Warming Potential
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The results follow EN 15804+A2.
V = wall, F = mounted, N = embedded, galv = galvanized steel, RAL = powdercoating

Product name	Description	Galv.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
Dian endebeslag V	Hot-dip galvanized steel	x		Wall mounted	3,05	15,5	15,6
	Hot-dip galvanized, powder coated steel	x	x		3,17	24,2	24,3
Dian midterbeslag V	Hot-dip galvanized steel	x			3,58	16,5	16,5
	Hot-dip galvanized, powder coated steel	x	x		3,72	25,3	25,4
Dian endesøjle Ø114 F	Hot-dip galvanized steel	x		Surface-mounted	10,21	28,7	28,8
	Hot-dip galvanized, powder coated steel	x	x		10,61	39,3	39,3
Dian endesøjle Ø114 N	Hot-dip galvanized steel	x		In-ground	13,31	34,4	34,5
	Hot-dip galvanized, powder coated steel	x	x		13,84	45,8	45,8
Dian midtersøjle Ø114 F	Hot-dip galvanized steel	x		Surface-mounted	10,84	30	30,2
	Hot-dip galvanized, powder coated steel	x	x		11,28	40,8	40,8
Dian midtersøjle Ø114 N	Hot-dip galvanized steel	x		In-ground	13,95	35,7	35,9
	Hot-dip galvanized, powder coated steel	x	x		14,5	47,3	47,4