

LCA overview

Product: CO5 bike rack, CC500



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-sided, D = double-sided, S = angled

Product name	Description	Declared unit	Bolting (Bollard Ø89)	Embedding (Bollard Ø89)	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO <sub>2</sub> e)	GWP-total, A1-A3 (kg CO <sub>2</sub> e)
CO5 ES, 3 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		19,05	46,9	44,9
CO5 ES, 3 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	21,8	55	53,1
CO5 E, 3 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		19,05	46,9	44,9
CO5 E, 3 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	21,8	55	53,1
CO5 ES, 4 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		22,77	51,9	50
CO5 ES, 4 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	25,51	60,1	58,2
CO5 E, 4 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		22,77	51,9	50
CO5 E, 4 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	25,51	60,1	58,2
CO5 ES, 5 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		26,48	57	55,1
CO5 ES, 5 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	29,22	65,2	63,3
CO5 E, 5 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		26,48	57	55,1
CO5 E, 5 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	29,22	65,2	63,3
CO5 ES, 6 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		30,2	62,1	60,3
CO5 ES, 6 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	32,94	70,3	68,5
CO5 E, 6 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		30,2	62,1	60,3
CO5 E, 6 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	32,94	70,3	68,5
CO5 DS, 6 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		23,68	49,9	48
CO5 DS, 6 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	26,47	58	56,1
CO5 D, 6 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		23,68	49,9	48
CO5 D, 6 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	26,47	58	56,1
CO5 DS, 8 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		28,93	55,8	54,6
CO5 DS, 8 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	31,68	64,1	62,3
CO5 D, 8 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		28,93	55,8	54,6
CO5 D, 8 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	31,68	64,1	62,3
CO5 DS, 10 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		34,19	62	60,8
CO5 DS, 10 spaces, 45°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	36,94	70,1	68,9
CO5 D, 10 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack	✓		34,19	62	60,8
CO5 D, 10 spaces, 90°	Hot-dip galvanized steel, CC500	1 unit of bike rack		✓	36,94	70,1	68,9
CO5 DS, 10 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		35,56	78,5	77,1
CO5 DS, 10 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	38,42	87,3	85,9
CO5 D, 10 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		35,56	78,5	77,1
CO5 D, 10 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	38,42	87,7	86,3
CO5 DS, 6 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		24,63	63,8	61,7
CO5 DS, 6 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	27,53	72,7	71,3
CO5 D, 6 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		24,63	63,8	61,7

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Product name	Description	Declared unit	Bolting (Bollard Ø89)	Embedding (Bollard Ø89)	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO <sub>2</sub> e)	GWP-total, A1-A3 (kg CO <sub>2</sub> e)
CO5 D, 6 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	27,53	72,7	71,3
CO5 DS, 8 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		30,09	71	69,6
CO5 DS, 8 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	32,95	80,2	78,8
CO5 D, 8 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		30,09	71	69,6
CO5 D, 8 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	32,95	80,2	78,9
CO5 ES, 3 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		19,81	59,6	57,5
CO5 ES, 3 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	22,67	68,7	66,6
CO5 E, 3 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		19,81	59,6	57,5
CO5 E, 3 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	22,67	68,7	66,6
CO5 ES, 4 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		23,68	65,6	63,6
CO5 ES, 4 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	26,38	74,5	72,4
CO5 E, 4 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		23,68	65,6	63,6
CO5 E, 4 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	26,53	74,7	72,6
CO5 ES, 5 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		27,54	71,7	69,6
CO5 ES, 5 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	30,39	80,8	78,7
CO5 E, 5 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		27,54	71,7	69,6
CO5 E, 5 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	30,39	80,8	78,7
CO5 ES, 6 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		31,41	77,7	75,7
CO5 ES, 6 spaces, 45°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	34,26	86,8	84,8
CO5 E, 6 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack	✓		31,41	77,7	75,7
CO5 E, 6 spaces, 90°	Hot-dip galvanized steel + RAL, CC500	1 unit of bike rack		✓	34,26	86,8	84,8