

# ECORASTER® product overview

Type	ECORASTER® Bloxx	ECORASTER® Bloxx 0.5	ECORASTER® E50	ECORASTER® E40	ECORASTER® S50	ECORASTER® A50	ECORASTER® E30	ECORASTER® X30
<b>recommended for</b>	parking spaces barrier-free areas utility spaces	parking spaces barrier-free areas utility spaces	fire rescue paths high frequented parking spaces heavy load storage / areas	car parking spaces driveways camping sites	gravel paths rainwater retention basins shooting range	soil reinforcement / erosion protection dams & dikes defence paths trails on slopes	garden paths wood yards / storage areas dumping grounds	excavation protection substructure for paved areas spacer
<b>Specifications</b>								
<b>Dimensions</b>	33 x 33 x 5 cm 12.99 x 12.99 x 1.97"	18 x 33 x 5 cm 7.09 x 12.99 x 1.97"	33 x 33 x 5 cm 12.99 x 12.99 x 1.97"	33 x 33 x 4 cm 12.99 x 12.99 x 1.57"	33 x 33 x 5 cm 12.99 x 12.99 x 1.97"	33 x 33 x 5 cm 12.99 x 12.99 x 1.97"	33 x 33 x 3 cm 12.99 x 12.99 x 1.18"	33 x 33 x 3 cm 12.99 x 12.99 x 1.18"
<b>Wall thickness</b>	up to 5.0 mm   0.1968"	up to 5.0 mm   0.1968"	up to 5.0 mm   0.1968"	up to 3.6 mm   0.14"	up to 2.5 mm   0.098"	up to 5.0 mm   0.1968"	up to 4.4 mm   0.17"	up to 5.0 mm   0.1968"
<b>Weight per m<sup>2</sup>   10.76 ft<sup>2</sup></b>	7.02 kg   15.48 lbs	-	8.82 kg   19.45 lbs	5.94 kg   13.1 lbs	6.66 kg   14.68 lbs	8.82 kg   19.45 lbs	5.31 kg   11.71 lbs	6.57 kg   14.48 lbs
<b>Weight per piece</b>	0.78 kg   1.72 lbs	0.54 kg   1.19 lbs	0.98 kg   2.16 lbs	0.66 kg   1.45 lbs	0.74 kg   1.63 lbs	0.98 kg   2.16 lbs	0.59 kg   1.3 lbs	0.73 kg   1.61 lbs
<b>loadability</b>	up to 800 t/m <sup>2</sup> (Bloxx module incl. concrete blocks)		up to 800 t/m <sup>2</sup> (depending on fill type)					
<b>Max. open surface</b>	infiltration performance I <sub>10</sub> = 5200 in l/s*ha according to DIN 18130 (FGSV-MB)		approx. 90 %					
<b>Tensile strength</b>	> 5 kN/m							
<b>Dimensional stability</b>	-50° / 90° C   -58° / 194° F							
<b>Solubility</b>	resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)							
<b>Moisture absorption</b>	0.01 %							
<b>Interlock</b>	36 notched connectors per m <sup>2</sup>	notched connectors	36 notched connectors per m <sup>2</sup>					
<b>Material</b>	LD-PE, recycled							
<b>Compressive strength</b>	up to 20 t point axle load (DIN 1072)							
<b>UV-resistant &amp; weatherproof</b>	according to DIN EN ISO 4892-2 and DIN EN 60068-2-5							
<b>Environmental compatibility</b>	environmentally neutral according to OECD 202:2004							
<b>Highly durable</b>	according to DIN EN 124:2011 (D400)							
<b>Package</b>								
<b>Standard installation unit</b>	1 layer (= 12 pieces, equates 1.33 m <sup>2</sup> )							
<b>Layer per pallet</b>	43		43	55	43	43	71	71
<b>Area per pallet</b>	57.33 m <sup>2</sup>   617.09 ft <sup>2</sup>	-	57.33 m <sup>2</sup>   617.09 ft <sup>2</sup>	73.33 m <sup>2</sup>   789.32 ft <sup>2</sup>	57.33 m <sup>2</sup>   617.09 ft <sup>2</sup>	57.33 m <sup>2</sup>   617.09 ft <sup>2</sup>	94.66 m <sup>2</sup>   1 018.91 ft <sup>2</sup>	94.66 m <sup>2</sup>   1 018.91 ft <sup>2</sup>
<b>Qty. per pallet</b>	516	360	516	660	516	516	852	852
<b>dimensions</b>	105 x 135 x 229 cm 41.3 x 53.15 x 90.16"	105 x 135 x 110 cm 41.3 x 53.15 x 43.3"	105 x 135 x 229 cm 41.3 x 53.15 x 90.16"	105 x 135 x 235 cm 41.3 x 53.15 x 92.52"	105 x 135 x 229 cm 41.3 x 53.15 x 90.16"	105 x 135 x 229 cm 41.3 x 53.15 x 90.16"	105 x 135 x 229 cm 41.34 x 53.15 x 90.16"	105 x 135 x 229 cm 41.34 x 53.15 x 90.16"
<b>Weight per pallet</b>	412 kg   908.31 lbs	205 kg   451.99 lbs	515 kg   1 135.38 lbs	445 kg   981.06 lbs	392 kg   864.21 lbs	514 kg   1 133.18 lbs	512 kg   1 128.77 lbs	632 kg   1 393.32 lbs

**NOTE:**

- a. Please note the installation instructions on our website! Subject to change without prior notice. E. & O.E.
- b. The listed details are nominal dimensions and subject to a certain tolerance due to material changes
- c. NATO certification: S50
- RAL certification: Bloxx, E50 & E40
- d. ECORASTER® Bloxx is inter alia protected by German Utility Model 201014106285, Polish Utility Model W.124709; US-Patent 10094073, European Patent Application 3237682 and further applications outside of Europe.



Your contact: