

Comparison between BikeLids and Bike Lockers

	BIKELIDS	BIKE LOCKERS
ENVIRONMENTAL:		
Made with toxic, hazardous Polyurethane/Gelcoat finishes	NO	YES
Made with toxic, hazardous Isophthalic Resins	NO	YES
Manufacturing methods subject to EPA's Major Sources of Hazardous Air Pollutant (HAP) National Regulations	NO	YES
Unit is 100% recyclable	YES	NO
PUBLIC SAFETY:		
Contents may be monitored	YES	NO or LIMITED
Law enforcement robots can gain access w/out opening Lid/Locker	YES	NO
Usable for storing property other than bikes & accessories	NO	YES
Usable for human/animal habitation	NO	YES
Graffiti resistant	YES	LIMITED
Holds heat and odors	NO	YES
SECURITY and MNGMT:		
Double-lock security (bike may also be locked to steel frame)	YES	NO
Snow/Ice may freeze unit shut	NO	YES
Hassle-free administration	YES	NO
INSTALLATION:		
Arrives fully assembled	YES	NO
Assembly time	15-20 minutes	Up to 3+ hours
Uneven ground surface may impair shell/door function	NO	YES
Can be installed on any ground surface	YES	NO. Must do the following: Install bicycle storage lockers on 4-inch thick concrete bases reinforced with 6x6x10/10 wire mesh. Finish surface with minimum 2 percent slope for drainage. Form mounting pads 9 inches (228 mm) larger than assembled lockers in both width and length. Set bicycle storage lockers plumb and aligned. Level base true to plane. Slope to drain.

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DESIGN:		
Colors available	UNLIMITED	LIMITED
Footprint for 2 bikes (including access)	40 sq ft	78 ½ sq ft
Flexible configurations	YES	NO

From the US Environmental Protection Agency*:

BikeLids are made from Thermoplastics and Recycled Steel:

“Thermoplastics have certain advantages as substitutes for thermoset resins. Thermoplastics have faster processing than thermosets because there is no curing necessary; they have low toxicity and can be remelted and recycled. Improvements in thermoplastic resins over the past 20 years have increased the advantages over thermoset resins.”

Bike Lockers are made from (thermosets) Reinforced Plastic Composite:

“Pollution releases can occur throughout the (Reinforced Plastic Composite) production processes. Spills of additives and plastic pellets can occur during transport to the facility. Leaks of chemical additives can occur while the additives are being incorporated into the plastic. Volatile organic compounds (VOCs), fugitive emissions, and wastewater discharge are released during the actual processing of the reinforced plastic part. The finishing operations of cleaning can also release VOCs, fugitive emissions, and wastewater discharge.”

*United States Office Of Air Quality EPA-452/R-00-007 Environmental Protection Planning And Standards May 2001 Agency Research Triangle Park, NC 27711 FINAL REPORT

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