



Electronic Display Recycling Prismview displays are green

98% Recyclable

Prismview displays are proven to be the industry's most durable and longest lasting displays. However, electronic displays, like most products, have a life expectancy. Eventually, the time will come when it is no longer possible to keep the display operating. When this happens, you must evaluate your options to replace the display and decide what you want to do with the old display. If you decide to remove the old display, it is possible to recycle over 98% of the display. This level of recycling is a result of a product designed to maximize recyclable materials and commitment by recycling plants to recycle every material possible.



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Display Components

Aluminum

The largest part of the display that can be recycled is the display cabinet. Newer cabinets are made out of aluminum and make up 64% of the entire display. A typical billboard is about 5,000 pounds of aluminum. Fortunately, aluminum recycling plants are readily accessible and pay for scrap aluminum. This makes recycling the cabinet good for the environment and your pocket book. Recycled aluminum is reused in everything from house siding to motorcycle engines. Not only is the aluminum reused but recycling aluminum saves energy. Recycling a large display can save enough energy to power an average house for 3.5 years.

Electronics

Modules and other electronic components make up 15% of the display and are easily recycled at an appropriate recycling plant. The circuit boards are broken down and the metals extracted. The remaining materials are recycled, if possible, or ground down and used as filler for road asphalt. Fans are made of plastic, metal, and a small motor. Each of these components is separated and recycled appropriately.

Plastics

Plastic housings, louvers, and other plastic display components account for 9% of the display and can be recycled at almost any recycling plant. Recycled plastic may be turned into materials like plastic lumber.

Wire

There is no shortage of copper wire in a display. A typical display can have over 6,500 feet of recyclable copper wire after the insulation is removed. This is used to create new wire or other materials made of copper. The insulation can be recycled and used as new insulation or as filler for road asphalt.



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Electronic Display Materials by Percentage

- Aluminum - 64%
- Electronics - 15%
- Plastics - 9%
- Wire - 5%
- Miscellaneous (steel, small motors, etc.) - 5%
- Non-Recyclable materials - approximately 2%

Summary

Like many other products, Prismview displays are highly recyclable. Any aluminum and plastic can be recycled at most recycling plants. LEDs and other electronic components can be recycled at plants that specialize in printed circuit boards. Breaking down the various components into their simplest form allows up to 98% of a display to be recycled. As a result, Prismview displays have a minimal impact on landfills.

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