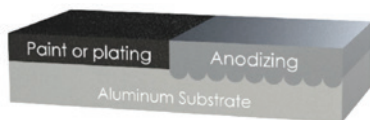




Material Specifications

Aluminum Bars, Chimes, and Resonators



All aluminum used on Freenotes instruments is custom extruded here in the USA. We use aluminum on areas of the instrument where capturing the tone is key. The aluminum is also anodized with an acid etched finish. While paints and plating sit on top of the surface of the aluminum, anodizing converts the outer layer of aluminum to aluminum oxide, so the coating is fully integrated with the aluminum substrate. Therefore, anodizing doesn't chip or flake like paint – it is completely integral with the underlying metal.

Fiberglass Bars



To meet the long-lasting expectations of every one of our instruments we use reinforced fiberglass in lieu of wood on our xylophones. Our fiberglass bars are composed of a vinylester resin mix that contains a UV inhibitor additive, a synthetic surfacing veil, and a 60% glass content, consisting of continuous filament mat and roving. These fiberglass bars provide a higher corrosion resistance for a longer life of play. Unlike wooden bars, our fiberglass bars will not rot or attract insects.

Plastic (HDPE) Components



Many of Freenotes instruments are constructed and built around HDPE (High-density polyethylene) frames. Our HDPE components are easily cleaned, graffiti resistant, scratch resistant, and will never swell or rot. They are also UV stabilized, so there is no need to ever paint after years of installation.

Structural Recycled Plastic Lumber



Recycled Posts are available as an option on many Freenotes Harmony Park instruments. Unlike wood, these posts will not splinter, rot, or degrade and are low-maintenance. This environmentally-friendly product is manufactured using recycled high-density polyethylene (HDPE) material that can also be recycled, and requires no painting or staining.

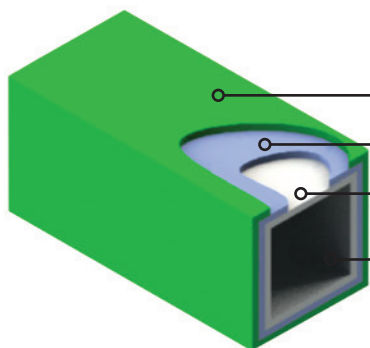
Stainless Steel Fasteners and Components



All fasteners used on our instruments are made of stainless steel. Stainless steel offers high strength and corrosion resistance properties, as well as a long-lasting flawless finish. You will also find stainless steel is used on our holsters that mount many of our instruments to their posts. This provides a rigid platform for a long-lasting installation. Both our lacing and mallet cables use internally woven stainless steel wires giving the flexibility needed for free movement playing experience as well as enhanced durability.

Powder Coated Steel Components

All Freenotes Harmony Parks steel posts and frames include a 3-step powder coat finish, which eliminates worry of corrosion and fading even in the harshest of environments.



- FINAL STEP:** Application of 3 mls of super durable TGIC Powder Coat
- STEP 2:** Application of 3 mls of Zinc-rich primer TGIC Epoxy Powder Coat
- STEP 1:** Sand blasted to nearly white finish to remove any imperfections
- Original Raw Steel