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Living Building Challenge Compliance Statement For Zinc Alloy Die Cast Fittings

To Our Valued Customers,

All of Bridgeport's Zinc Alloy Diecast Fittings are composed of ASTM B86 certified Zinc Alloys. These alloys have very precise mixtures of different elements and purities which are specifically designed to produce high quality die castings. On average, our die cast fittings are 95.8% Zinc (99.998% purity). Most of our cast Zinc Alloy product is produced in our Stratford, CT facility, and the Zinc Alloy is produced in the Northeast.

ASTM B86 Specification – Primary Alloy Composition

Zn – 95.77%
Al – 4.1%
Cu – 0.08%
Fe – 0.03%
Mg – 0.01%
Ni – 0.01%
Sn – <0.001%

Zinc Alloy is also a readily recyclable and reusable metal, which is environmentally-friendly. Our certified alloy does not contain any RED LIST compounds as defined at http://declareproducts.com/sites/default/files/Red%20List%20CAS%20%23%20Guide_0.xls

Please contact me directly if there are any questions regarding how Bridgeport Fittings can help you meet or exceed your LBC requirements.

Regards,

Larry Smith

Vice President Manufacturing & Engineering

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