

How We Make Our Tiles

HAND-CARVED BRONZE AND ZINC CASTINGS

We begin our bronze and zinc tile designs by carving a pattern by hand in hard sculptor's wax. We take our time in carving each new design and consider dozens of subtle variations. It's the way we are most comfortable working, and the best way to ensure that our patterns will continue to look good, even as fashions change.

From our original wax tiles we make multiple casts, or "patterns." These patterns are pressed into specially prepared, fine sand, creating exact impressions of the designs in the sand.

Next, into each sand impression we pour white-hot molten bronze. After the bronze cools, the raw tiles are excavated from the sand. We then grind the edges of the tiles by hand to make them clean and square.

Next, we put the tiles through our proprietary ten-step finishing process to smooth their surface and give them the distinctive Bronzework Studio finish – just the right balance between rough and refined.

The morning that the tiles leave our studio, we buff them one last time, brush on a protective coat of wax, and polish each tile by hand with a soft cloth.

PRECISION LINERS

The finishes on our Precision liners are the result of a demanding forming and polishing process we have developed to achieve a beautiful and durable luster.

First, we form the raw metal ingot into the proper profile. We then heat treat the metal to harden it. We then cut the newly hardened liners to length.

Next, we hand polish and buff each Precision liner, much like a luxury car is polished and buffed.

Several more finishing steps give each liner the proper color and surface characteristics, and finally, the Precision liners are ready for one last quality inspection. As an extra precaution, we apply a protective film to the surface of each liner to ensure that it arrives at your home in pristine condition.