

= Emeco 1006 =

The Emeco 1006 (pronounced ten @-@ oh @-@ six) , also known as the Navy chair is an aluminum chair manufactured by Emeco . The 1006 was originally built for Navy warships during World War II , but later became a designer chair used in high @-@ end restaurants and by interior designers . In the 1990s , the company began creating designer versions of the 1006 chair , such as the stackable Hudson chair and the 111 Navy Chair made from recycled plastic . Emeco also makes stools , tables , and other furniture . As of 2012 , more than one million Emeco 1006 chairs have been produced .

= = History = =

Emeco founder Wilton C. Dinges developed the Emeco 1006 chair in 1944 in collaboration with the Aluminum Company of America (ALCOA) . It was originally designed for the US Navy , which needed a chair for the deck of battleships that could survive sea air and a torpedo blast to the side of the ship . The chairs had eye bolts under the seat , so they could be attached to a ship @-@ deck using cables .

After the war , Emeco started selling 1006 chairs to prisons , hospitals and government offices . The chair was sold to restaurants in the 1980s and 1990s , under Jay Buchbinder 's leadership , then as a designer chair in the 2000s after Emeco was acquired by his son , Gregg . French designer Philippe Starck designed a total of 14 chairs and 4 tables for Emeco .

In 2006 Coca @-@ Cola began a collaboration with Emeco to create a 1006 @-@ based chair made out of recycled Coca @-@ Cola bottles , which was released in 2010 . Metropolis Magazine said it was a public relations effort by Coke to make a durable product out of their bottles ; they also hoped to encourage other manufacturers to do the same .

In 2005 , Target started selling an Emeco 1006 imitation product supplied by Euro Style . The supplier said it planned to modify the chair 's style to avoid a legal dispute over alleged trademark infringement . In October 2012 , Emeco filed a lawsuit against Restoration Hardware for allegedly making unauthorized reproductions of the 1006 Navy chair . Restoration Hardware removed the chair from its website , stopped selling the chair , and reached an undisclosed settlement with Emeco .

The Emeco 1006 chair is featured regularly in design magazines and movies , such as The Matrix , Law & Order and CSI . In Europe the original 1006 chair is sometimes referred to as " the prison chair " due to its use in government prisons and in prison @-@ related movie scenes .

= = Description = =

The original Emeco 1006 chair has a curved back with three vertical struts and a slight curve on the back legs . It weighs about seven pounds and is guaranteed to last 150 years . Most of the original chairs from the 1940s are still in use . The traditional aluminum chairs are made mostly out of recycled aluminum , but also silicon , iron , copper , magnesium , chromium , titanium and zinc . Emeco 111 chairs are made out of 60 percent recycled plastic and 30 percent glass fiber . The Emeco 111 chair was named based on it being made of at least 111 recycled Coca Cola bottles .

As of 2014 , there are approximately 88 Emeco chair models . The first designer version of the 1006 chair in the " Emeco by Starck " line was the Hudson chair , named after the Hudson Hotel that put a Hudson chair in every room . It has a similar silhouette as the original 1006 , but has a reflective or brushed aluminum surface , a solid backrest and is stackable . It also came in swivel and upholstered versions . The reflective glossy versions of the 1006 chair are polished for eight hours , substantially increasing their cost . There are also Emeco @-@ brand barstools , swivel chairs , rocking chairs and armchairs .

Emeco 's chairs are manufactured by hand in Hanover , Pennsylvania through a two @-@ week , 77 @-@ step process . Eames Demetrios , the grandson of designer Charles Eames , published a documentary film on the manufacturing process called " 77 Steps . " Many believe the chair is cast

from a single form , but it is actually welded together from 12 pieces . Sheets of aluminum are rolled into tubes , cut to length , and bent into shapes on large hydraulic machines . Various notches and punchouts are made so pieces can fit together before welding . Workers grind down the welding joints to give it a smooth finish , creating the appearance of being cast from a single piece . The chair goes through a repeated heating and cooling cycle that increases the strength of the aluminum . The chairs are also anodized . Originally swivel chair bases and other parts were purchased from a supplier , but in the 1950s , Emeco began purchasing manufacturing equipment to manufacture them in @-@ house .