



Megastructures: Steel, Brick and Concrete

3 x 60'

EPISODIC BREAKDOWN

1. Steel

It is one of the strongest materials on earth. It has changed the course of history and altered human civilization. From the soaring skylines in a vast metropolis...to dinner tables across the world and razor sharp tools responsible for medical miracles: Steel has defined life as we know it. MegaStructures: The Science of Steel will bring viewers face to face with this magical material that serves as the strength behind urban infrastructure, epic skyscrapers and everyday objects that shape our world. Our cameras will go inside the mills of U.S. Steel to see how this incredible invention of man is born and also visit such historic steel structures as the Brooklyn Bridge, the Empire State Building, and the Gateway Arch. This program will explore steel, from its grandest achievements to the simplest tools of life. How It's Built: Steel will display why steel makes the impossible, possible.

2. Brick

Brick: baptized in fire to be rock-hard – and prized because it is fire-proof. Brick has become an icon in our culture. You start with a block you can hold in your hand, but when you lay 10 or 20 million, they add up to a soaring structure: MegaStructures: The Science of Brick will take the viewer from the earliest man-made buildings to the 21st Century's green/eco-friendly building movement, all while highlighting the inspiring buildings and monuments that this remarkable material has made possible.

3. Concrete

It is the most-used building material on Earth. From its history as the building block of the Roman Empire to being the material of choice for today's gravity-defying skyscrapers, concrete has been at the very foundation of construction throughout civilization. But how this man-made material was born and later come to be the top-spot in construction is a largely unknown story. MegaStructures: The Science of Concrete will bring viewers face to face with a material the world can't live without.