

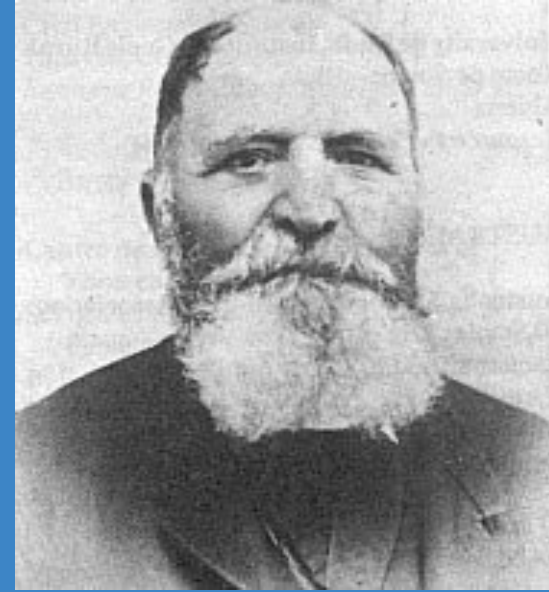
Concrete



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Joseph Monier

- Monier was born November 8, 1823 Saint-Quentin la-Poterie-, France
- Monier was a French gardener and one of the inventors of reinforced concrete.
- Monier first thought of the invention when his flower pots kept breaking because the clay was too easy to break.



Monier first experimented with embedded iron mesh and then saw possibilities in the technique and promoted heavily. Monier died March 13, 1906 in Paris.

How Monier Made Concrete

- Embedded iron mesh.
- Sand with binder material (usually Portland cement)
- This cement has reinforcement bars, grids, plates and fibers

How reinforced concrete effected the Industrial Revolution& Life today

During the Industrial Revolution reinforced concrete was used to strengthen slabs, walls, beams, columns, foundation, and frames without the support of the concrete it many of the buildings built in that time would not have been possible.

The main focus of the concrete was placed on floor systems. Floor systems were the key to making optimal building structures.

Reinforced concrete is important because during the industrial revolution they began to build bridges and roads with it.

Today that is big part of traveling because it allows us to travel across rivers, lakes and other bodies of water to get to different place around the world.

Video

<http://www.youtube.com/watch?v=TDr9Xhau-3U>