

# What is EccoCon?

EccoCon is a new line of commercial and residential concrete mixes provided exclusively by Tilcon Connecticut and designed to **“Build for a Better World.”** These mixes have the best interest of our environment in mind, contributing to a sustainable world.




Concrete, in general, is one of the strongest building materials. It's durable, low maintenance, and can withstand fire and extreme weather conditions. EccoCon not only has these attributes but also those associated with sustainable building. EccoCon mixes incorporate the latest in concrete technology and are targeted to meet specific applications. For example, our EccoCon - P is engineered to produce a high performance pervious concrete system, which prevents stormwater run-off from entering and polluting our rivers and streams. EccoCon - P also helps you to meet a specific sustainability goal of the U.S. Green Building Council's LEED rating program.

"Green Building" and "Sustainable Development" are the biggest topics of today. Tilcon's performance-based EccoCon concrete mixes can help architects, engineers, developers, and builders meet the needs of sustainability as well as superior durability, workability, and economy.



## How is EccoCon Beneficial?

1. 100% Recyclable.
2. Reduces the environmental impact of transporting material because it is produced locally from abundant natural resources.
3. Replaces cement content by certain percentages with SCM's (supplementary cementitious materials), thereby reducing the CO2 emissions and landfill waste.
4. Reflects more natural light with the light color reducing lighting infrastructure costs. The light color also absorbs less heat helping to reduce "Heat Island Effects."
5. Helps control temperature fluctuations in a building because of the thermal mass of concrete resulting in more regulated heating and cooling. This means smaller heating and cooling units can be installed decreasing energy use.
6. Pervious EccoCon or EccoCon - P allows for water penetration, which directly recharges groundwater helping to maintain aquifer levels and diverting stormwater run off from rivers, streams, lakes, and sewers. EccoCon - P also channels more water to tree roots and landscaping resulting in less need for irrigation and helps to control pollutants that can contaminate watersheds and harm sensitive ecosystems.
7. Has the lowest carbon footprint of any other building material. 

## Tilcon's Performance-based EccoCon Concrete Mixes

### EccoCon - C

*Designed for:*

Commercial Building Projects

### EccoCon - R

*Designed for:*

Residential Building Projects

### EccoCon - P

*Designed for:*

Pervious Concrete Applications

### EccoCon - T

*Designed for:*

Any application using SCC ternary blends

### EccoCon - F

*Designed for:*

Flowable fill and "Controlled Low Strength Material (CLSM)" applications, including:

- FloCon™ *Standard*
- FloCon™ *Fast*
- FloCon™ *Pump*

## Green Building Projects

Tilcon has assisted with the following green building projects.



Whole Foods  
Glastonbury, CT  
CM&B

New Connecticut  
Science Center  
Hartford, CT  
LEED Certified  
Whiting-Turner  
and RJB



Westminster School  
Simsbury, CT  
LEED Certified  
Bartlett Brainard Eacott

Ahepa Apartments  
Norwich, CT  
Nutmeg Companies



Insulated  
Concrete Forms  
(ICF) Home  
Mason's Island  
M.H. Lyons



Build for a Better World



### Tilcon Connecticut Inc.

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Heavy & Highway Construction | Paving

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*Concrete Plant Locations:*

East Granby | Enfield | Groton | Hartford

New Britain | Norwich | Old Saybrook | Portland

## Concrete Solutions for Green Building



Commercial & Residential  
environmentally-conscious  
concrete mixes



Build for a Better World