

All NPCA producer plants are now

# SMaRT Certified

Unlock the Benefits of Eco-Friendly Construction with Precast Concrete



NATIONAL  
PRECAST  
CONCRETE  
ASSOCIATION



Transparent.  
Quantified.  
Global.

## What is SMaRT Certification?

SMaRT (Sustainable Materials Rating Technology) certification is a third-party national consensus standard evaluating the sustainability of building materials. It recognizes manufacturers committed to eco-friendly practices, ensuring healthier products for the planet and its people.

## Why Choose SMaRT Certified Precast Concrete?

- **Non-toxic, doesn't leach and chemically inert**
- **Free of harmful VOCs (volatile organic compounds)**
- **Provides healthier living & working spaces**



### Public Health & Environmental Safeguards

- ✓ Reduces emissions and pollution during manufacturing.
- ✓ Safer for the environment and people.



### Biobased & Recycled Content

- ✓ Incorporates recycled materials to reduce virgin resource use.
- ✓ Promotes sustainability by closing the loop in construction.



### Environmental & Social Accountability

- ✓ Meets strict life-cycle assessment (LCA) standards.
- ✓ Performs well from production to disposal with minimal environmental harm.



### Reclamation & Sustainable Reuse

- ✓ Durable and recyclable, reducing landfill waste.
- ✓ Supports circular construction practices.



### Innovation in Manufacturing

- ✓ Focus on reducing waste and energy use.
- ✓ Continuous improvement for better environmental performance.

By selecting SMaRT-certified precast concrete, you invest in:

- High-performance building materials
- Environmentally responsible solutions
- Long-term durability for any project type



Visit [precast.org/find](https://precast.org/find) to find a precaster to provide SMaRT-certified precast concrete solutions for your next eco-friendly construction project.



# SMaRT Certified / Sustainable Gold Rating



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Rating System Levels: Sustainable,  
Sustainable Silver, Sustainable Gold  
& Sustainable Platinum

NPCA producer plants have achieved a Sustainable Gold product standards rating.

**67 points: SMaRT Sustainable Gold**

**11 points**

## Safe for Public Health & Environment

Feedstock Inventory, no toxic Stockholm Chemicals, Carcinogen Policy achievement, Inventory chemicals, no VOCs

**10 points**

## Renewable Energy & Energy Reduction

Inventory, no SF6, 1% renewable energy, energy pollution reduction

**2 points**

## Biobased or Recycled Content Materials

Inventory

**6 points**

## Facility or Company Based

Environmental policy, social indicators, life cycle assessment

**23 points**

## Reclamation, Sustainable Reuse & End of Life Management

Performance durability, extended product life, 80% reclamation reuse

**15 points**

## Innovation in Manufacturing

60% energy pollution reduction by supplemental cementitious materials replacing portland cement

Visit [precast.org](https://precast.org) to learn more.

