



Transparent.  
Quantified.  
Global.

Certification Rating: Gold/ EPP  
 Certification #: 0000051  
 Category: Vitrified Clay Products  
 Subcategory: Gravity Sewer Pipe  
 Certification Period: 3 Years

**Vitrified Clay Pipe**



**Certified by:**



1511 Wisconsin Avenue, NW  
 Washington, DC 20007  
 202-338-3131 p  
 202-338-2800 f  
 info@sustainableproducts.com  
 http://mts.sustainableproducts.com

**Certified Sustainable to the Triple Bottom Line:**

Good for the Environment, the Economy and the Global Community

**Vitrified Clay Pipe**

To achieve SMaRT® Sustainable Product Certification at any level, products must achieve 14 prerequisite points and score a minimum of 28 out of 162 points in the following areas covering all product stages across the global supply chain:

- Safe for Public Health & Environment
- Renewable Energy & Energy Reduction
- Biobased or Recycled Materials
- Facility or Company Requirements
- Reclamation, Sustainable Reuse & End of Life Management
- Innovation in Manufacturing

**Under these areas, products are required to:**

- Provide Feedstock Inventory Documentation
- Document the Input and Output of Stockholm Chemicals
- Maintain a Manufacturing Facility Energy Inventory
- Keep an Inventory of all Biobased and Recycled Content Materials
- Have EMS Environmental Policies and Targets
- Have Social Indicator Reporting for Manufacturers (working conditions)
- Use ISO Life Cycle Assessment Process
- Have Operational Reclamation and/or Sustainable Reuse Programs
- Have Product Performance Durability (long lasting products)

SMART BUILDING PRODUCT STANDARD SCORECARD			
Sustainable Materials Rating Technology®			
Product Name: Vitrified Clay Pipe (VCP), Clay Road Tile, Clay Floor Liners, & Architectural Terrazzo			
Application: NCP - National Clay Pipe Institute			
Standard Date: FINAL 5/13/2011			
Yes	No		
<b>11 Safe for Public Health &amp; Environment</b>			
1	Yes	Feedstock Inventory Documentation	Required
1	Yes	Input Stockholm Chemicals	Required
1	Yes	Output Stockholm Chemicals	Required
2	Yes	Inventory human and ecological health chemical emissions	
2	Yes	Inventory Air, Water, & Waste (excluding PCBs)	
1	Yes	Maintain Indoor Air VOCs	
1	Yes	Maintain Indoor Air Carcinogens VOCs	
1	Yes	Maintain Indoor Formaldehyde Emissions	
1	Yes	No Polychlorinated Biphenyls (PCBs)	
<b>3 Renewable Energy &amp; Energy Reduction (RE&amp;ER)</b>			
<b>Manufacturing Facility Only</b>			
1	Yes	Energy Inventory	Required
<b>2 Biobased or Recycled</b>			
2	Yes	Materials Recycled and Recycled Content Materials	Required
<b>16 Facility or Company Based</b>			
1	Yes	MSD Environmental Policy & Targets	Required
1	Yes	Third-Party Auditing for Manufacturers	Required
4	Yes	ISO Process	Required
1	Yes	Transparent Secondary Materials Reclamation System	
1	Yes	Transparent Materials Reclamation System	
2	Yes	Transparent Regional Materials Reclamation System	
2	Yes	Waste-to-Energy Design for Environment Process	
2	Yes	Environmental Management System Certification	
2	Yes	Sustainable/EPP Product Transportation Disclosure	

- 11 points: Safe for Public Health & Environment**  
No Toxic byproducts or waste generated during manufacturing or raw material acquisition.
- 23 points: Reclamation, Reuse & End of Life**  
Unparalleled product lifecycle and no product waste from manufacturing. Material can also be repurposed.
- 16 points: Company Social Indicators**  
Companies are responsible and ethical contributors to the local community.
- 15 points: Innovation in Manufacturing**  
Completed ISO Life Cycle Assessment

To earn a SMaRT Gold rating, Vitrified Clay Pipe earned 68 points:

**What specifiers will want to know about Vitrified Clay Pipe:**

- The first product in the buried infrastructure industry to earn SMaRT® Sustainable Product Certification
- Completely natural raw material and Volatile Organic Compound (VOC) free
- Longest Life Cycle of any product used in the construction of gravity sewer systems
- High recycled and recyclable content
- Product will not change over time. Completely chemically inert.



NATIONAL CLAY PIPE INSTITUTE  
 N6369 US Hwy 12, Suite A  
 Elkhorn, WI 53121  
 262/723-3940



The Logan Clay Products Company  
 www.loganclaypipe.com  
 800/848-2141