



Town of Highland Beach

Building Department

3616 South Ocean Boulevard • Highland Beach, Florida 33487

Official Advisory: Cured-in-Place Pipe (CIPP) Installation Requirements

Towns of Highland Beach and Gulf Stream, Florida

Date: June 26, 2025

To: All Licensed Plumbing Contractors and Industry Professionals Operating within the Towns of Highland Beach and Gulf Stream

From: Jeff Remas, Building Official
Towns of Highland Beach and Gulf Stream

Subject: Mandatory Compliance with Florida Building Code for Cured-in-Place Pipe (CIPP) Installations

This Official Advisory is issued by the Building Department of the Towns of Highland Beach and Gulf Stream to ensure all Cured-in-Place Pipe (CIPP) rehabilitation work within our jurisdictions strictly adheres to the latest provisions of the Florida Building Code (FBC), 8th Edition (2023), and relevant Declaratory Statements issued by the Florida Building Commission.

It is imperative that all CIPP installations meet established standards to safeguard public health, safety, and the structural integrity of plumbing systems. This document consolidates current requirements for your immediate reference and compliance.

Mandatory Requirements for CIPP Installations:

1. **Permit Requirement (Continuing from 2014 FBC):**
 - Effective since **November 2015**, with the issuance of Florida Building Commission Declaratory Statement **DS 2015-106**, all CIPP installations in residential and existing building drainage systems **mandatorily require a plumbing permit**.
 - This requirement, originally under Section 105 of the Florida Building Code (5th Edition, 2014), remains in full effect under all subsequent editions of the FBC, including the current 8th Edition (2023).
2. **Compliance with Manufacturer's Published Instructions:**
 - All CIPP installations **must strictly comply with the manufacturer's published installation instructions**. This is a fundamental requirement as stipulated by FBC, Plumbing, Section 303.2 ("Installation of materials") and FBC, Existing Building, Section 609.1 ("Materials").

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Revised 07/31/2025

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3. **Adherence to Current ASTM Standards (2023 FBC Plumbing, 8th Edition):**
 - As per the **2023 Florida Building Code, Plumbing, 8th Edition, Section 718.1 ("Cure-in-place")**, all CIPP rehabilitation of building sewers and building drainage piping **shall be in accordance with ASTM F1216 – 2022 or ASTM F1743 – 2022**.
4. **Requirement for Continuous Installation; Explicit Prohibition of Non-Continuous Methods ("Gapping"):**
 - Both **ASTM F1216 and ASTM F1743 mandate a continuous liner installation with no gaps** at branch or service connections. This principle is fundamental to the structural and functional integrity of the rehabilitated pipe.
 - The Florida Building Commission's Declaratory Statement **DS 2024-044 (February 2025)** definitively clarifies that non-continuous methods—commonly referred to as "gapping," "start and stop," "hybrid" lining, epoxy brush coating or epoxy spin casting—**have no applicable ASTM standards and therefore do not meet Florida Building Code requirements**.
 - **Only fully conforming installations performed in accordance with the aforementioned approved ASTM standards (F1216, F1743) are recognized as code-compliant per Section 718.1 Florida Plumbing Code 2023 and will be approved.**

Compliance Responsibility:

It is the sole responsibility of the licensed plumbing contractor and all involved parties to ensure full compliance with the Florida Building Code, its adopted standards, and all relevant Declaratory Statements. Non-compliance will result in corrective actions, potential stop-work orders, and enforcement measures.

Summary of Key Directives:

- **Permit Required:** Always obtain a plumbing permit for CIPP work.
- **Manufacturer Compliance:** Follow the manufacturer's installation guidelines precisely.
- **ASTM Standards Mandatory:** Adhere to all applicable ASTM F1216 and F1743.
- **Continuous Lining ONLY:** "Gapping" and other non-continuous methods are NOT permitted and are NOT code-compliant.

For Further Information or Clarification:

Please direct any questions regarding these requirements to the Building Department of the Town of Highland Beach.

Your proactive adherence to these standards is vital for maintaining the safety and quality of construction within our communities.