PICOTE DUAL COLOR COATING RESIN TECHNICAL SPECS

Product facts	This product has been created to renovate drains, sewers, water pipes, electrical conduits, heat and a/c ducts and more by brush casting a coating. The specially formulated coating resin forms a pipe inside the original pipe that is a tested, safe and environmentally friendly product. The new pipe is damp-proof, corrosion resistant, wear-resistant and non-corrosive. Thanks to a high breaking stretch, it also withstands shocks and bending. The new drainpipe becomes elastic and antistatic.
Uses	**1. Extend the life span of the original pipe:** The resin can be used to prolong the life of an existing pipe. Clean the pipe well. Apply single (0.5-1mm/coat) or dual coats of the resin. The new slick inner surface will increase the flow inside the pipe minimizing the risk of blockages. **2. Create a new semi structural pipe:** Apply several coats of the resin forming a seamless new pipe with a 2-4mm wall thickness depending on the diameter of the drain. Estimated service life 30-50 years.
Benefits for contractors	Extend the service life of a pipe, stop corrosion, create a new pipe, ”patch” on top of CIPP liner and fortify connections*. Apply to small areas or all drains in multi-story buildings. The Picote Coating System is affordable, practical and easily fits in tight places. *Ensure that materials are compatible and the surface is properly prepared.
Benefits for property owners	Enjoy the benefits of a trenchless renovation, stay at home or keep your business open during drain renovation. **The Greener Alternative:** Eliminating the need to destroy existing walls, gardens or sidewalks, the no-dig solution reduces waste produced at job sites. Interruptions to traffic are also minimized. All materials used are non-toxic.

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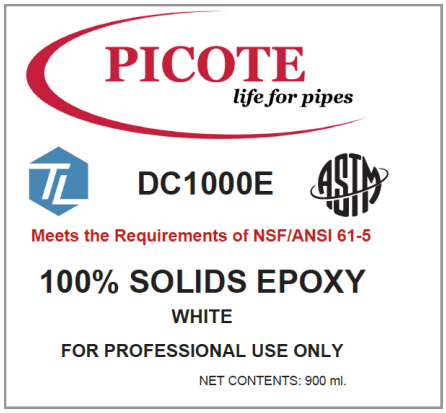
Base materials/pipe diameter	Size range - 1-1/4" through 8" pipe of all types. Most commercial hot water OK up to 250F/121°C constant.
Working method	Coating with brush
Hardness	Adjustable Shore is 65+ (flexibility goes up when hardness goes down).
Tensile strength	2970 PSI
Adhesion strength: metal	803 PSI with static mixing tip.
Adhesion strength: concrete	100% concrete breakage when pulled away.
Portioning	Not applicable.
Pot life	Mixed resin about 25 min (T=70°F)/21°C
Hardening	Recoat - 2.5hrs @ 70F/21°C Restore flow - 4hrs. Final Cure - 24hrs. Can be recoated within 24hrs with no prep, sanding panels must be used after 24hrs.
Levelling	Product is self levelling.
Gas emissions	No harmful VOCs released during mixing or after hardening.
Dry content	100% solids.
Temperatures	Installation: 50F/10°C - 140F/60°C Storage: Room Temp 60F/15.5°C - 85F/29°C Finished product: up to 250F/121°C
Gloss	Semi-gloss
Thinner	Not used
Coverage	See Picote Resin Calculator
Shrinkage	100% solids does not shrink
Humidity	Hydrophobic repels water
UV resistance	Direct sunlight can alter color of coating
Flexibility	6,080 PSI
Electrical conductivity	Electrical insulating material, does not conduct electricity and is antistatic.



Package sizes:
6x 900ml: 2-part cartridge with 6 cartridges in each case (3 white & 3 grey).
1 gallon bucket: special order only
3 gallon bucket: special order only

Shelf life:
2 years from packaging when kept in accordance with storage instructions included in MSDS and Technical Data Sheet

Mixing ratio: 2:1

2:1 mix ratio by volume.
No mixing required with prepackaged cartridges and supplied static mixing tip.

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Static properties	Antistatic
Tests DC1000E	NSF/ANSI tested for standard 61-5. ASTM Tested - please see results below:

Tensile strength	ASTM D638-14	2979 psi
Compression strength	ASTM D695-15	9570 psi
Flexural modulus Flexural strength	ASTM D790-15e2 ASTM D790-14e2	430 ksi 6080 psi
Adhesive strength	ASTM D4541	substrate failure

Certification	Product certified to NSF/ANSI 372 conforms to the requirements for "Lead Free" plumbing products as defined by California, Vermont, Maryland and Louisiana
Industrial safety	Ready-measured product must not be in contact with skin (it adheres)
Safety data sheet	Delivered with first order
Shipping	The two part resin is packaged in sealed tubes and ships from USA. Product will not freeze. Suggested storage at room temperature and in accordance with guidelines of Technical Date Sheet.
Technical enquiries	For further technical information, please contact: Jake Saltzman, WW Technical Director +1 706 436 1892 jake@picotesolutions.com

Picote Coating System

How long will the pipe be out of service?
Dry to touch in 2.5hrs with ambient cure. Light wearing 4 hours. Final hardness 24 hours. Full service can be restored 4 hours after last coat has been applied.

Type of pipe:
Suitable for **cast iron**, **PVC**, **concrete**, **clay** and **stainless steel**. Proper surface prep is required and may vary based on material type.

Other application:
If used to coat outside during cold weather, use heat.

The Picote Coating System is powered by the Mini Miller.

The Coating Pump is conveniently set on the top of the Mini Miller. The system is practical and easy to keep clean. Use your Mini Miller for drain cleaning & reinstatements too.