

CIRINJECT® INJECTION: Reliable & Efficient

+30 years
of protection

For more than 30 years, our CIRINJECT® waxes have been protecting the most prestigious civil engineering structures throughout the world.

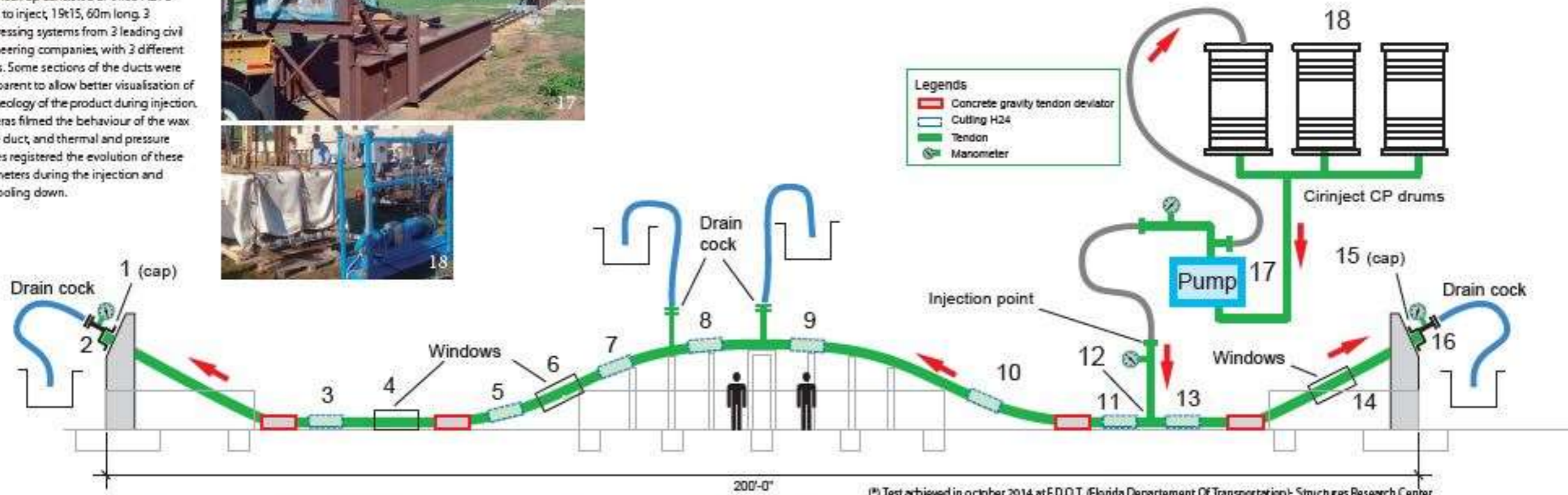
Proof of Cirinject's efficiency is the test realized by the FDOT (Florida Department of Transportation), the leading authority in the USA relating to prestressing, with which Civetea works closely on the definition of new American standards concerning anti-corrosion protection of prestressing structures.

The results of the tests carried out by the research centre of FDOT: only the performances of CIRINJECT® were 100% satisfactory:

- Lids perfectly filled
- Injection points and air vents totally filled
- Perfect homogenization and protection of ducts
- Perfect filling at high and low points of ducts

Test technique

The mock up consisted of three HDPE ducts to inject, 19t15, 60m long, 3 prestressing systems from 3 leading civil engineering companies, with 3 different waxes. Some sections of the ducts were transparent to allow better visualisation of the rheology of the product during injection. Cameras filmed the behaviour of the wax in the duct, and thermal and pressure probes registered the evolution of these parameters during the injection and the cooling down.



(*) Test achieved in october 2014 at F.D.O.T. (Florida Department Of Transportation)- Structures Research Center

