

CASE EXAMPLE

WATERPROOFING OF A WATER TANK

Client : GENERALE DES EAUX

Engineering : ROPHEMEL CITY

Company : ATR (TERASTIC subcontractor)

Date : 1978

Work :

Waterproofing of a cracked water tank (equilibrium chimney)
The tank was cracked for 7 years following its construction and no rehabilitation technique had been able to waterproof the tank.
Tank height : 40 m - variable water level from 40 m to 5 m creating permanent movements of the cracks in the concrete.

Specification :

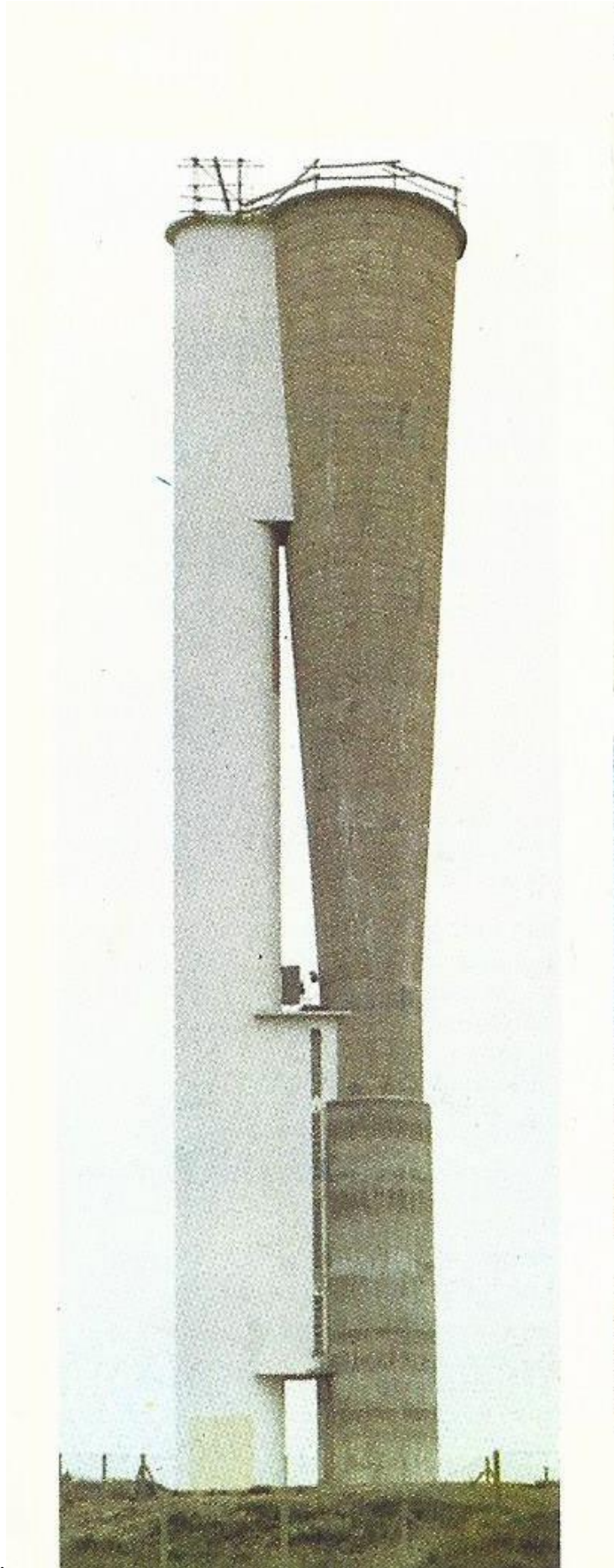
- Sandblasting of the concrete
- application of SOUPLETHANE 6 : thickness 2 mm

Observation :

In October 2015, the tank has been inspected. It is still in operation, with the original coating in place, without any leaks (after 38 years of service).

Technical interest :

SOUPLETHANE 6 has a concrete cracks bridging ability up to 3 mm width.



opening.