

Waterproofing Systems and Technical Solutions



“Tejera” hydroelectric aqueduct - Cuenca Project

The project consisted in the integral repair and waterproofing of the « Tejera Aqueduct». This hydroelectric infrastructure, owned by Gas Natural Fenosa, was built more than 100 years ago. The passage of time and the occasional maintenance work, generated different pathologies such as water leaks and structural damages in the structure. In broad strokes, the works were the following:

1. Inside of the Aqueduct :

- Waterproofing of the «U» concrete box, with LANKO 220 IMPER CG projected.

2. Outside of the Aqueduct :

- Anchorage of structural connectors with LANKO 729 SCELFAST.
- Rebar protection with LANKO 760 PASIV.
- Treatment against concrete structure corrosion with LANKO 761 STEEL.
- Structural repair using a spraying machine with LANKO 730 REP SR.
- Protection against carbonation and decorative coating with LANKO 259 PROTECTOR ELAST.

APPLIED PRODUCTS



- LANKO 730 REP SR ALSO
- LANKO 220

ALSO

- LANKO 761 STEEL
- LANKO 760 PASIV
- LANKO 729 SCELFAST
- LANKO 259 PROTECTOR ELAST

TECHNICAL DETAILS

- 144 TN LANKO 730 REP SR
- 140 TN LANKO 220 IMPER CG

> LOCATION

Cuenca – Spain

> CUSTOMER

GAS NATURAL FENOSA

> MARKET SEGMENT

Civil Engineering

> SUBSEGMENT FUNCTION

Concrete Repair & Waterproofing

> YEAR

2017

BRAND

LANKO

PAREX
Building expertise, together