

BELZONA USED FOR THE REPAIR AND PROTECTION OF THE DISTRIBUTOR HEAD OF THE EXCHANGER

ID: 9603



PROBLEM

Damage to the distribution head of the exchanger causes poor distribution of hot water and a decrease in the efficiency of the exchanger.

APPLICATION SITUATION

The hot medium and constant circulation caused damage to the dividers of the exchanger, which significantly reduced its performance. The customer was looking for a way to solve this problem.

APPLICATION METHOD

Surface blasting to Sa 2.5 with a profile of 75 µm. Surface degreasing. Repair of the partitions of the distribution head by welding new steel bars. Application of Belzona 1511 (Super HT-Metal) on the most damaged parts. Hardening of the material - frostblasting. Application of Belzona 1391T in two layers with a total thickness of approx. 900 µm

BELZONA FACTS

It would take a very long time to weld new partitions into the heads of the exchangers (4 pieces). The Belzona solution is high-quality and fast. The customer was very satisfied with it.

INDUSTRY

Power

LOCATION

Slovakia

APPLICATION DATE

March 2020

PRODUCTS

Belzona 1391T
Belzona 1511 (Super HT-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Damage to the distributor head of the exchanger.
2. It was necessary to create new partitions.
3. Replacement of the lost original material with the product Belzona 1511 (Super HT-Metal).
4. Belzona 1391T product application.