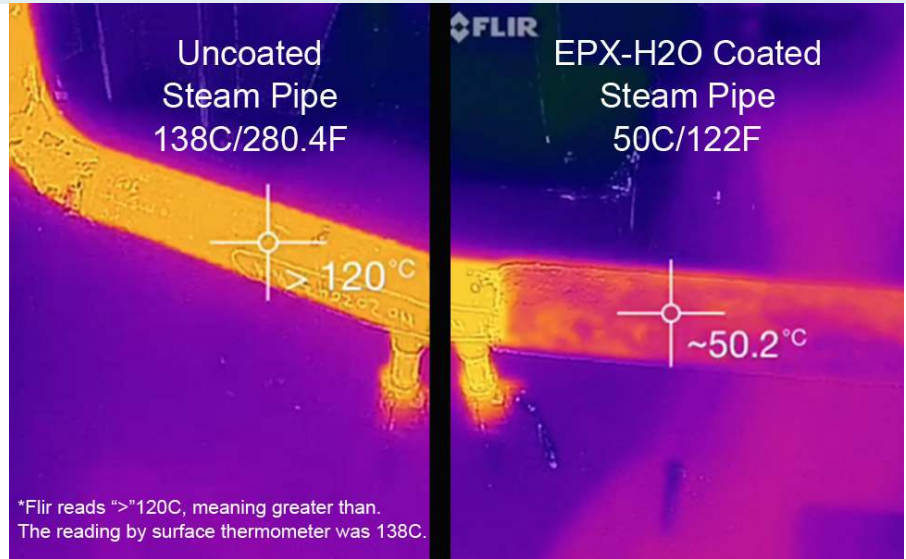


CASE STUDY

Steam Pipe Thermal Imaging
South Africa

Award Winning Energy Saving and Asset Protection Coatings



GEOGRAPHICAL AREA:
South Africa

ISSUE:

Hot Steam Pipes

SOLUTION:

Heat Shield™ EPX-H2O

Coverage: 6-coats

RESULTS:

- ✓ Provided thermal resistance, shown with thermal imaging
- ✓ Temperature Reduction of -88C (-158.4F)
- ✓ Surface protection: chemical and moisture resistance
- ✓ Prevented corrosion under insulation
- ✓ Long lasting - 10 years+
- ✓ 10-year warranty
- ✓ Lowered Surface safe touch level

When it comes to choosing the best insulation for your facility, the proof is always in the performance. That's one of the reasons that we always tell people to try it for themselves if they're feeling unsure, because we know that our thermal insulation coatings speak for themselves.

You can do energy saving calculations and estimates, but when push comes to shove, energy and facility managers just want to know the insulation is going to lower surfaces for safe touch applications and reduce their energy costs.

So, you'll definitely want to check out the latest field application shared with us from our South African based Distributor, Syna-Africa. The Flir video speaks volumes about the performance you'll see from our powerful and patented thermal insulation coatings.

Client: Large Paper Mill
 Surface: Steam Pipe
 Product: Heat Shield™ EPX-H2O
 Number of Coats: 6
 Total applied thickness: 1.5 mm (0.25 mm per coat)
 Cure time after application: 24 hours
 Uncoated Temperature: 138C (280.4F)
 EPX-H2O Insulated Temperature: 50C (122F)
 Temperature Reduction: -88C (-158.4F)