Synavax™
sustainability accelerated

Case Study

Coats plc-Global Sustainability Project

Award Winning Energy Saving and Asset Protection Coatings

GEOGRAPHICAL AREA:
Multiple locations worldwide

ISSUE:
Find a solution to reducing energy consumption in their plants globally to lower costs, reduce their carbon foot print and also reduce heat expelled into the environment to improve employee health and safety

SOLUTION:
Synavax® High Heat thermal insulation & corrosion prevention coating.(Primer)+HeatShield™ EPX4 epoxy coating

Coverage: 10-coats High Heat
        2-coats EPX
        1-coat High Heat
        (for UV resistance)

RESULTS:

✓ Customer Energy Savings Projected - over 10%

✓ Carbon Emissions Reduction Projected - 2%

✓ Payback Projected Overall - less than 1 year

✓ Provides excellent corrosion resistance.

✓ Long lasting - 5-10 years.

SOLUTION: After extensive energy saving studies were completed on Synavax® insulation coatings in two of their facilities, Synavax® was chosen as a key component of their global corporate sustainability initiative to reduce energy consumption and lower carbon emissions. Synavax® High Heat and Heat Shield™ EPX4 were used to insulate the exterior of their yarn dyeing machines.

The sustainability project encompassed approximately 38 factories in 28 countries.

"As a business we have an ongoing commitment to reducing our impact on the environment and continuously improving the working conditions in our facilities worldwide. Having comprehensively tested Synavax coatings we found they significantly reduced process energy whilst standing up to the harsh environment of an industrial dye house. We anticipate the change will have a dual effect: reducing our process steam consumption by over ten percent - and therefore our carbon footprint by around two percent - and significantly improving the working conditions in our dye houses, which is great news for both our business and the environment."

- *Coats PLC*

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Sustainability Simplified.™

Very Simple.

**CASE STUDY
ADDITIONAL PHOTOS**

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