



ANTI-CORROSION COATING

FOR ACID-DEW POINT CORROSION PREVENTION

EMISSPRO® AC-SERIES, it is an anti-acid anti-alkali coating material and can be used in all kinds of working condition with a higher hardness.

EMISSPRO® AC-SERIES adopts the most developed anti-corrosion researching technology, using solution formed by chelation from inorganic polymers, based on Si-O-Si bond. The coating has a good stability. The film former has a strong adhesive force and good high temperature resistance up to 250 °C.

WHAT YOU WILL GET:

- ✓ Prevent corrosion at high temperature
- ✓ Reduce maintenance cost
- ✓ Reduce boiler downtime

CORROSION RESISTANCE TEST

Without Emisspro

With Emisspro



THERMAL INSULATION COATING

FOR OUTWARD HEAT RADIATION REDUCTION

EMISSPRO® I-SERIES has been specifically engineered formulation for thermal insulating performance, water & UV resistance and long-lasting durability, applied to the external metal surface.

WHY EMISSPRO® I-SERIES?

- ✓ Superior corrosion under insulation (CUI) prevention
- ✓ Easy & suitable application for complicated shape / area
- ✓ Excellent thermal insulation
- ✓ Easy to detect leak
- ✓ Save space due to thinner insulation yayer

APPLICABLE TO VARIOUS EQUIPMENT

Storage Tank

Transfer Pipeline



Heat Exchanger

Vessels



THERMAL ENGINEERING CONSULTANCY SERVICES

WHAT WE DELIVER:

- ✓ Provision of your heat losses and rooms for improvement.
- ✓ Expertise in thermal engineering to suggest improvements of your process.
- ✓ Turn-key solution provider to maximize the thermal efficiency of your process.

WHAT YOU WILL GET:

- ✓ Direct cost saving from eliminating unnecessary heat losses.
- ✓ Reduced carbon footprint from energy efficiency improvement.
- ✓ Possibility to claim carbon credits.

APPLICABLE TO VARIOUS EQUIPMENT



SCAN TO LEARN MORE



CONTACT US



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ABOUT COMPANY

We are a Global Integrated Solutions Provider focused on Products and Services needing Efficiency Improvements, Reduced Fuel Consumptions, Increased Production Rates, Reduce Greenhouse Gases Emission, Extended Equipment Service Life, Thermal Protection and Predictive Analysis within the Oil & Gas, Petrochemical, Fertilizer, Steel and Power Generation Industries.

INTEGRATED SERVICE SOLUTIONS INNOVATION FOR SUSTAINABILITY

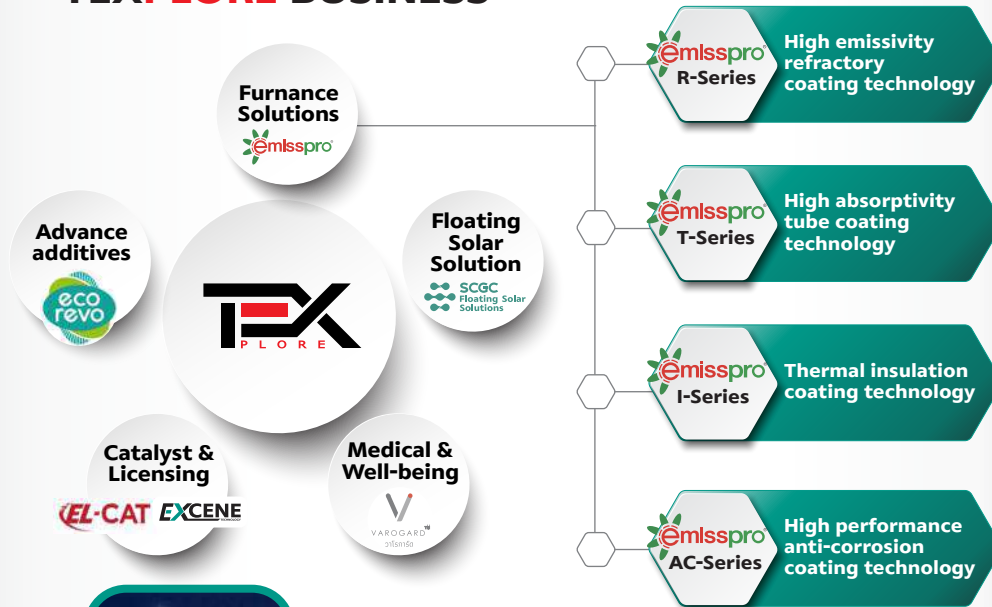
www.texplore.co.th

ABOUT US

TEXPLORE is a subsidiary company under **SCG Chemicals** business, to provide High Value-Added products and services (HVA), encompassing infrastructure, consumer packaging, automotive, medical and well-being, and energy solutions.

We have been providing the products and services to our customers in renowned plants all over the world in various industries such as petroleum refining, petrochemicals, steel & metals, ceramics, food & beverages, power & steam generation and etc.

TEXPLORE BUSINESS



Our team is fully qualified with **fired heater specialist** and **installation teams** who are specialists in working within fired heaters, under confined space conditions.



Our extensive experience provides us the knowledge to understand both the plant's operational issues and needs. This enables us to provide **excellent furnace solution** tailored to problems.

The end-to-end service covers from current operational assessment, project works and post-project performance monitoring.



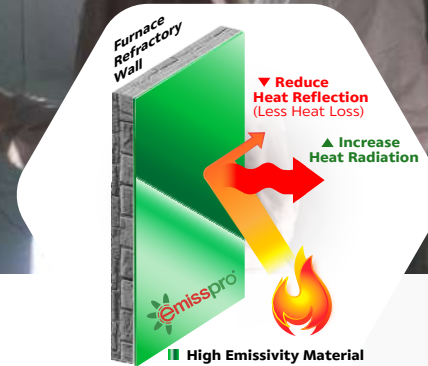
HIGH EMISSIVITY REFRACTORY COATING

FOR ENERGY SAVING & GHG REDUCTION

SERVICE TEMPERATURE UP TO **1,500°C**

APPLICABLE TO EVERY TYPE OF REFRACTORY MATERIAL:

- FIRE BRICKS
- CERAMIC FIBER
- CASTABLE
- PLASTIC REFRACTORY



WHAT BENEFIT YOU WILL GET FROM OUR EMISSPRO® R-SERIES



INCREASE RADIATION HEAT TRANSFER & REDUCE FUEL CONSUMPTION



REDUCE GREENHOUSE GASES EMISSION



PROLONG REFRACTORY SERVICE LIFE & REDUCE MAINTENANCE COST

RECOMMENDED FOR VARIOUS INDUSTRIES



HIGH ABSORPTIVITY TUBE COATING

FOR ENERGY SAVING & GHG REDUCTION

SERVICE TEMPERATURE UP TO **1,200°C**

APPLICABLE TO DIFFERENT TYPES OF METAL:

- CARBON STEEL
- STAINLESS STEEL
- ALLOY STEEL

The innovative tube coating Emisspro® T-Series enhances the efficiency of industrial furnaces and boilers by escalating energy absorption of metal tubes, thus increasing heating rates, increasing productivity while reducing energy consumption and reducing greenhouse gases emission.

RECOMMENDED FOR VARIOUS METAL TUBES

- PROCESS TUBES
- WATER TUBES IN BOILERS
- SUPERHEATER TUBES
- FIRE TUBE BOILER

WHAT BENEFIT YOU WILL GET FROM OUR EMISSPRO® T-SERIES



INCREASE HEAT ABSORPTION & REDUCE FUEL CONSUMPTION



REDUCE GREENHOUSE GASES EMISSION



PREVENT CORROSION & OXIDATION OF METAL TUBES AT HIGH TEMPERATURE

RECOMMENDED FOR VARIOUS INDUSTRIES

