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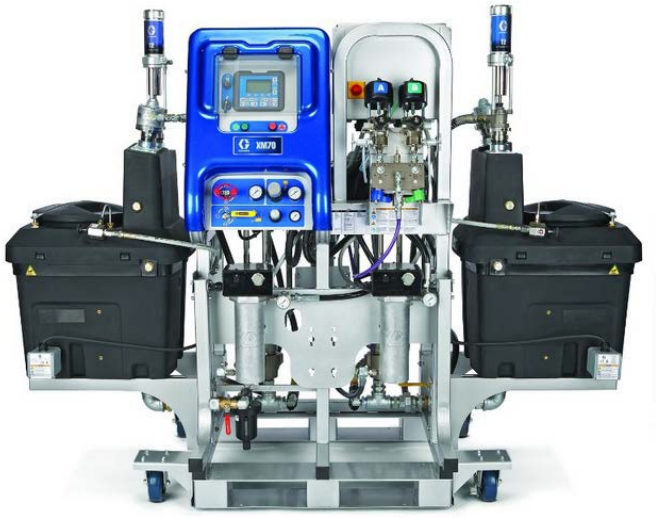
XM70 Plural-Component Sprayer



High-pressure equipment for protective coatings

Precise ratio assurance in a fully configurable system
Engineered to handle the toughest protective coatings, the Graco XM70 Plural-Component Sprayer provides

- Precise ratio control
- USB Downloadable Historical Spraying, mix, dosage Data
- Cutting Edge Technology assures mix ratios of 2%
- Variable Mix Ratio of range 1:1 to 10:1

- Fully Trained Applicators
- Full Quality Assurance
- Mobile Onsite
- All surface preparation – Abrasive Blasting to AS1627.4
- Confined Space certified applicators

Compatible Products including

- Dulux,
- Jotun,
- Denso and
- Polibrid
- All Plural Component Protective Coatings
- Epoxy Coatings
- 100% Solid Coatings
- Urethane Coatings
- Polyurethane Coatings

APPLICATIONS

- Rust Proofing
- Marine Environments
- Bridge and Structure Coating
- Railcar Manufacturing and Repair
- Wind Turbine Rotors, turbines and Towers
- Concrete Tank Repairs
- Steel Tank Repairs
- All Structural Steel Coatings
- Waste Water Treatment
- Sewage Holding and Treatment Tanks

RT & NJ Construction Services are excited to have the first and only Privately owned Graco XM70 Plural-Component Spraying system in Tasmanian, so call us today to discuss how this can benefit your next project.

The RT & NJ Construction Services Plural Component Spray Equipment can be used in some of the following industries;

- Water & Waste Water
- Secondary Contaminant areas
- Mining
- Maritime
- Shipping
- Roadways
- Construction

The ideal solution for;

- Production facilities where large volumes of 2 component material are used e.g. pipe coating
- Applications where correct mix ratio is required to be demonstrated and printable e.g. W&WW
- Application of fast set material or short pot-life materials

Benefits;

- Ability to spray short pot-life materials
- Accurate mixing ratio
- Less wastage

TRAINING

RT & NJ Construction Services have fully trained, competent applicators ready for your project. Trained by the #1 epoxy coating applicator in Australia / New Zealand, you can be confident your application is in great hands!

TANKS

RT & NJ Constructions can help you with all your tank coating needs!

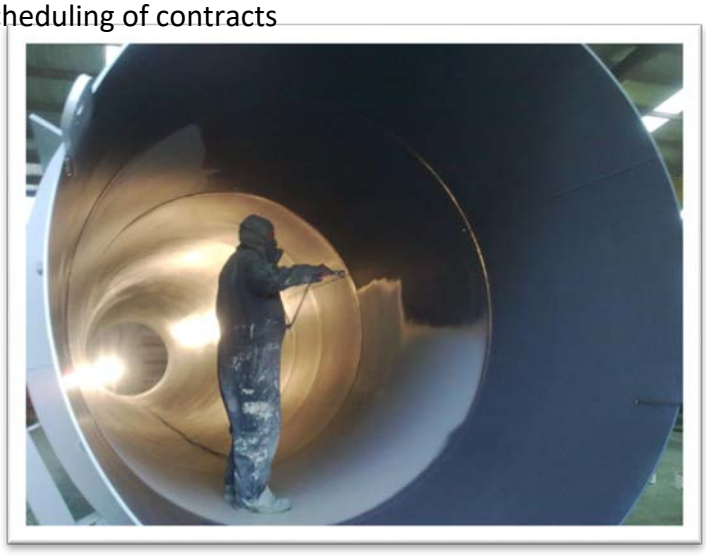
Offering a range of two component, solvent free, heavy duty epoxy linings, used to provide corrosion protection for the internals of steel storage tanks containing a wide range of products including crude oil, white oils and potable water.

Specifically formulated to provide extended recoat intervals to assist with contract schedules.

Economical to apply.

With a 100% volume solids, zero VOC formulation, the coatings are designed to reduce solvent emissions and eliminate the risk of solvent retention which can influence water quality. This ensures that drinking water will not pick up any taste or odour during the storage period within a tank.

- Solvent free, high build, amine cured epoxy tank lining
- Certified to BS6920:2000 standard for the storage of drinking water
- Hard, glossy coating which provides a long-life, easy clean, low maintenance surface for safe, taint-free potable water storage
- Can be used to provide resistance to a range of products including potable water crude oil, and white oils
- 100% solids, zero VOC formulation which eliminates solvent emission, explosion risk and fire hazard
- Recoatable up to 28 days for improved scheduling of contracts



High temperature chemical resistance

Ultra-high solids two component polycyclamine cured phenolic novolac epoxy lining system. Excellent abrasion resistance aids longevity of lining system and allows high pressure wash.

- Resists high temperatures in continuous immersion for a wide range of chemicals, including crude oil, hydrocarbon water mixtures and associated equipment up to 120°C (248°F)
- Rapid cure times means storage tanks and vessels can be coated, cured and returned to immersion service within fourteen hours
- Fast return to service minimizes process disruption and reduces overall installation costs
- Specified as a single coat application minimizes labour and material costs and eradicates intercoat adhesion issues

The ideal choice when it comes to protecting your assets against aggressive high temperature cargoes.
Protection to 120°C (284°F)
Coating provide long term protection for a variety of cargoes including bio-diesel, crude oil and hydrocarbon water mixtures up to 120°C (284°F). Tested to the toughest standards, protect bulk storage tanks, process vessels, free water knockouts, heater treaters, clarifiers and other produced water equipment in upstream immersion environments.

Outstanding productivity

Designed as a fast cure, single coat lining providing a DFT of 500 - 1,000µm (20 - 40mils). It is possible to return your asset to service in fourteen hours, reducing overall installation costs. High abrasion and impact resistance properties aid turnaround and clean out times provide you with further productivity gains.
Protecting both steel and concrete substrates, can also be used for secondary containment and buried transmission pipelines.

STEEL

Outstanding impact and abrasion resistance whilst combining an ability to withstand a broad range of chemicals make the range of steel coating we can offer the ideal engineering solution for many challenging environments where conventional coatings fail.

- 100% solids, solventless, odourless, meets all VOC regulations
- Corrosion protection for steel and concrete suitable for numerous immersion, chemical, abrasion and impact resistant applications
- Protect against microbiologically induced corrosion, perfect for waste water applications
- Ideal for encapsulation of rivets, bolts, edges and other surface imperfections
- Bridging cracks in concrete
- Extremely low water permeability giving excellent long term performance
- Fast curing times – can be placed in-service as soon as touch dry

More than just protective coatings the products are engineering solution with the ability to solve problems in a wide range of environments. Fast setting properties ensures rapid return to service improving productivity and reducing costs.

Water and wastewater

The ideal solution for many applications such as sewerage treatment plants, manhole pits and pump stations, secondary containment and water purification plants.

Suitable to protect sewerage treatment plants against microbiologically induced coating and concrete breakdown as products resists the harmful effects of hydrogen sulphide and sulphuric acid production.

CONCRETE

We use fast setting, rapid curing, 100% solids, flexible, aromatic, two component spray applied polyurea coating for steel and concrete substrates.

Provides protection to concrete and steel structures in aggressive chemical exposure or immersion conditions.

- 100% solids (low VOC)
- Good chemical resistance
- Seamless
- Low temperature flexibility
- Easily applied at any required thickness
- Corrosion protection for steel and concrete suitable for numerous immersion, chemical, abrasion and impact resistant applications
- Protect against microbiologically induced corrosion, perfect for waste water applications
- Ideal for encapsulation of rivets, bolts, edges and other surface imperfections
- Bridging cracks in concrete
- Extremely low water permeability giving excellent long term performance
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More than just protective coatings the products are engineering solution with the ability to solve problems in a wide range of environments. Fast setting properties ensures rapid return to service improving productivity and reducing costs.

Concrete structures and secondary containment
Tough and flexible products have crack bridging properties and the ability to withstand typical movement in concrete.

FIRE PROTECTION

RT & NJ Construction Services can provide a range of fire protection products, working with the customer we can come up with the best solution for your needs!

Products utilised with our system offer some of the following benefits;

- No Isocyanates
- Low VOC formulation
- Low hazard, low odour
- Compatible with high-end primers and top coats
- Very surface tolerant, cures in low temperatures and high humidity
- Saves labour costs
- Fast-track system, minimises program time
- Existing spray equipment can be used
- Increased damage resistance
- Simple and fast to repair
- Can be applied directly to blasted steel in a single application
- Can be applied on or off-site
- Weather resistant in 1 hour and is fully cured within 8 hours

PROTECTION FOR SEVERE ENVIRONMENTS

Provide high build protection in a single coat (typically 500µm [20 mils]). Combined with its surface tolerance and early water resistance this means the impact of the painting process can be minimised allowing rapid return to service and significantly reducing downtime and labour costs compared to a standard two coat epoxy system.

- High film build, high solids, abrasion resistant epoxy
- Ideal for single coat application over hydro blasted surfaces (HB2) with tolerance to damp surfaces during application
- Suitable for exposure to tidal sea water just 30 minutes after application (at 20ºC [70ºF])
- Resistant to a wide range of chemicals
- Excellent compatibility with sacrificial and impressed current cathodic protection systems
- High surface tolerance allows application over hydro blasted surfaces (HB2), even if still damp, as well as power tool and hand prepared steel surfaces (St3) for atmospheric use, this saves time and money on surface preparation
- Early resistance to tidal water movement just 30 minutes after application (at 20ºC [70ºF]), which is ideal for carrying out maintenance in splash zones or on jetty structures
- High impact and abrasion resistance, preventing corrosion caused by mechanical damage through maintaining an intact protective barrier
- Full immersion resistance to a number of aggressive chemicals such as 50% sodium hydroxide and 5% copper sulphate and good general splash and spill resistance to an even wider chemical range, including sulphuric acid, propanol, gasoline and sodium hydroxide

A Multitude of end uses

- Jetties and wharfs
- Helicopter decks and walkways when combined with a suitable aggregate
- Oil and gas platform jackets and offshore wind tower foundations
- Coal thickener tank internals and processing vessels
- Structural steel in wet, corrosive areas