



RESICOAT®

Functional

Resicoat powder coatings for pipelines

Keeping pipelines and
industries flowing

When protection defines your success

AkzoNobel

Resicoat powder coatings for pipelines

For pipeline protection in the most challenging temperatures and environments

There are some industries where failure is simply not an option, and some powder coatings that are born out of a need to protect, however tough the challenge.

Resicoat powder coatings have been protecting pipelines in the global oil and gas industry for more than 50 years. The secret is a combination of cathodic protection and high defensive product quality that delivers the ultimate resistance against corrosion and damage caused by the pipeline environment. It not only helps reduce the need and cost for ongoing maintenance works, but also ensures the safe and efficient performance during the Engineered Design Life (EDL) of your project.

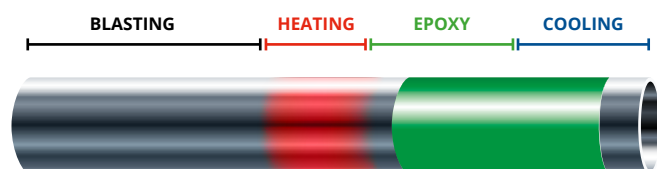
AkzoNobel is a world leader in the supply of powder coatings for a broad range of industries and applications. Our global presence supports greater supply chain efficiency and ensures a local service.

Resicoat powder coatings: **when protection defines your success.**

The Resicoat brand offers different solutions to match specific needs

Single layer pipe coatings comprising a range of stand-alone pipeline protection coatings. They are the most cost-effective coatings for general pipeline operations.

Products: Resicoat R-726 / Resicoat R-726A



The application temperature for FBE powders should be between 210-240°C. A film thickness between 300-700 µm is recommended.

Low Application Temperature versions for single layer and field joints allow the epoxy powder to be applied at a significantly lower temperature of 160-180°C, instead of 210-240°C.

Less heat places less stress on the pipeline, especially in the crucial joints where the pipes overlap. Lower heat also requires less energy and the associated costs.

Products: Resicoat R-726LAT



Dual layer FBE coatings were introduced to add additional performance characteristics to the coated pipe.

Gouge resisting system for optimal protection against damage while laying, handling, backfilling and during horizontal drilling.

Products: Resicoat R-726 + R-641/
Resicoat R-726A + R-641A

Flexible system for enhanced flexibility when increased film thickness is required.

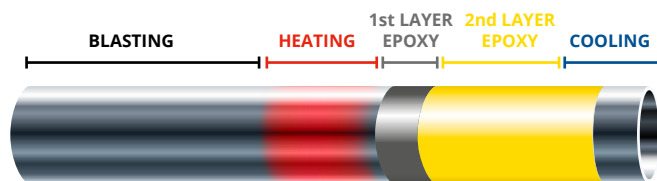
Products: Resicoat R-726 + R-105

Anti-Slip system to prevent the pipe from slipping out of the concrete weight coating during laying from a lay barge.

Products: Resicoat R-726 + R-741/
Resicoat R-726A + R-741A

UV resistance: UV-protection in addition to the anti-corrosion layer.

Products: Resicoat R-600



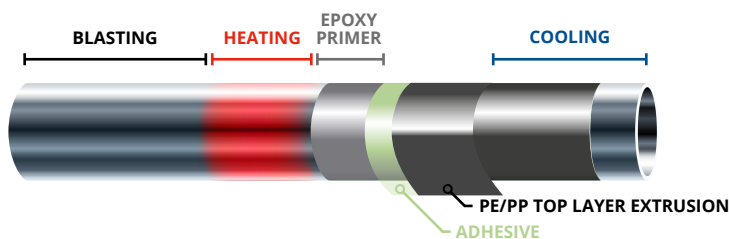
Two stand-alone FBE coatings are applied successively by electrostatic spray in one spray booth. The overspray of both layers can be recycled and sprayed between both layers. We recommend a film thickness of 600-1000 μm .



Image: Three layer coating - Resicoat R-735

Three layer coatings This system guarantees exceptional protection against mechanical impacts as well as against chemicals and corrosion, whilst ensuring perfect adhesion and outstanding resistance to cathodic disbondment. The low application temperature of Resicoat three layer powder coatings (in a range of 180–200°C) results in considerable energy and therefore cost savings as well as reduced polyethylene consumption.

Products: Resicoat R-735



The epoxy layer provides corrosion protection and offers a good adhesion to the mechanical resistant thermoplastic layer. Recommended film thickness of 150-600 μm (depending on specification).

Higher service temperature coatings are ideally suited for pipelines operating at higher temperatures due to increasing depths in the exploration of oil and gas fields. This series is available as a single layer FBE coating and as a primer for 3-layer polypropylene systems.

Products: Resicoat R-556

Leading Benefits

Corrosion protection

Resicoat delivers the ultimate corrosion protection to ensure a safe and efficient performance during the Engineered Design Life (EDL) of your project.

Disbondment resistance

Excellent resistance to cathodic disbondment provides long-term corrosion protection under a wide range of operating temperatures.

Customized solutions

A wide range of multi-layer systems allows solutions to be customized.

Global capability

Our products and service are there where and when you need us.



AkzoNobel

We supply the sustainable and innovative paints and coatings that our customers, communities – and the environment – are increasingly relying on. Our world class portfolio of brands – including Dulux, International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and have set our sights on becoming the global industry leader. It's what you'd expect from a pioneering paints company that's committed to science-based targets and is taking genuine action to address globally relevant challenges and protect future generations.

For more information please visit www.akzonobel.com.

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