



RESICOAT®

Functional

Resicoat powder coatings for pipelines

Built for continuous flow

When protection defines your success

AkzoNobel



Resicoat powder coatings for pipelines 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.

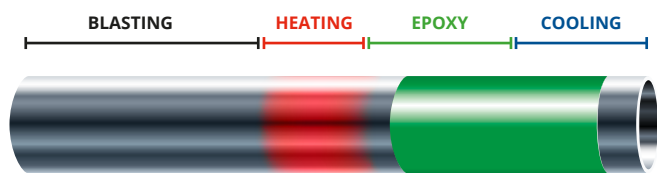
AkzoNobel is a world leader in the supply of powder coatings for a broad range of industries and applications. Our global presence supports greater supply chain efficiency and ensures a local service.

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.



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.

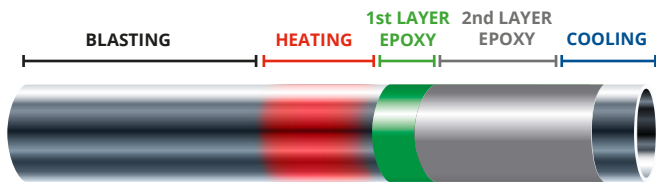
Products: Resicoat R-726 + R-105

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



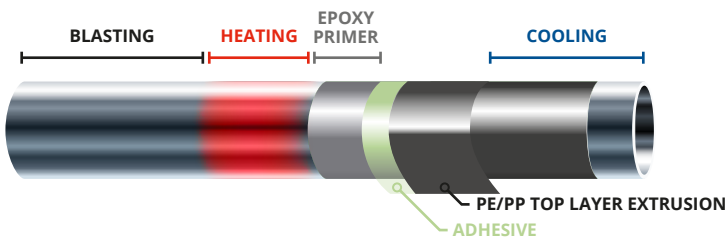
Two stand-alone FBE coatings are applied successively by electrostatic spray in one spray booth. The overspray of both layers can be recycled and sprayed between both layers. We recommend a film thickness of 600-1000 µm.



Image: Three layer coating - Resicoat R-735

Three layer coatings 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-726A, Resicoat R-726, 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, Resicoat R-556LAT

Low application temperature (LAT) for single-layer systems, field joints, and three-layer systems allows the epoxy powder to be applied at a lower temperature than conventional epoxy powders.

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, Resicoat R-735LAT

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

Since 1792, we've been supplying the innovative paints and coatings that help to color people's lives and protect what matters most. Our world class portfolio of brands – including International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and use our expertise to sustain and enhance everyday life. Because we believe every surface is an opportunity. It's what you'd expect from a pioneering and long-established paints company that's dedicated to providing sustainable solutions and preserving the best of what we have today – while creating an even better tomorrow. Let's paint the future together.

For more information please visit www.akzonobel.com.

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