

PRODUCT DATA

ACOTHANE PRODUCT RANGE

**EXTERNAL AND INTERNAL PROTECTION FOR PIPELINES,
FIELD JOINTS, FITTINGS AND VESSELS.**

PIPELINES

Spencer Coatings Limited have been supplying systems for the protection of pipelines for over thirty years. During that time an estimated 250,000 kilometres have been coated.

Our product range covers the complete requirements of the pipeline industry. From thin film travel coats used by the pipe producers and steel mills up to the long term protection products designed to give thirty years life before any remedial treatment is required. Spencer Coatings also produce a range of internal linings which provide benefits such as increased gas flow, chemical resistance and non-tainting or contamination of drinking water.

The major use of Spencer Coatings products is in the long term protection of buried, subsea and above ground pipelines. For this application the Acothane range has unrivalled performance proven over many years in some of the harshest environments in the world.





Problem - Failure of original coating system.



Solution - Rehabilitation with Acothane.

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Acothane is a range of extremely versatile pure urethanes and tar modified urethanes designed to provide very long term protection to buried, subsea and above ground pipelines. Acothane products are very high build, solvent-free two component possessing outstanding physical properties in terms of flexural strength, tensile strength, impact, abrasion, penetration resistance and low temperature cure.

The principal products in the Acothane ranges of pure and tar modified urethanes are:

Spray Grade

Extremely fast curing materials with short pot-life, designed particularly for use with plural component equipment to maximise production rates and minimise handling time following application. These products are ideally suited for both line travel and factory application.

Brushing Grade

Formulated to complement the Spray Grades. Can be used for brush application where spray application is impractical and gives optimum film build. Can also be used as a repair material for the Spray Grades.

Repair Mastic

Repair materials for damaged coatings including Acothane, fusion bonded epoxy and three layer polyurethanes. Can also be used for the encapsulation of anode connectors and the filling of holes and cracks in concrete.

Twin Packs

Containing precisely measured quantities of solvent-free urethane mastic for the repair of small defects in pipeline coatings, particularly fusion bonded epoxy powder.



External protection with Acothane.



Internal lining to improve flow rates.

KEY FEATURES

VOLUME SOLIDS	100% - No Solvent
DRYING TIMES	Hard Dry 2-4 Hours
FILM THICKNESS	500 Microns - 5000 Microns
SERVICE TEMPERATURES	Up to 80° C Immersed Up to 120° C Dry

APPLICATION SERVICES

The specified film thickness of Acothane Spray Grades can be achieved in one wet on wet application using plural component spray equipment. A typical spray equipment specification is available on request. Full specification data, performance data, test certificates and approvals are available from Spencer Coatings Limited.



SPENCER

COATINGS



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