

ACOTHANE TU REPAIR MASTIC

PRODUCT DESCRIPTION

A fast curing solvent-free two pack tar modified urethane compound with outstanding physical properties in terms of flexural strength, tensile strength, impact resistance, hardness etc.

USES

Repair of holes and small areas of mechanically damaged coatings, weld coating of steel pipes, repair and blow hole filling of concrete structures.

TECHNICAL PROPERTIES

Colour	Black		
Finish			
Curing Agent	Acothane Activator		
Mix Ratio			
Specific Gravity			
Volume Solids	100%		
Recommended Film Thickness	1-5 mm.		
Theoretical Spreading Rate	0.16 m ² per 250 g. pack @ 1 mm. thickness		
Application Method	Spatula, Trowel, Putty Knife, Brush		
Flash Point	200°C		
VOC	0 g/litre.		
Drying Times	10°C	20°C	30°C
Touch Dry		20 mins.	
Hard Dry		1 hour.	
Full Cure*		14 days	

*At low temperature curing rate will be slower.

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS On concrete seal with U-Coat 501

SURFACE PREPARATION

Steel: Ensure surfaces are clean, dry and free from contaminants. Preferably grit blast clean exposed steel to BS 7079 standard SA 2 ½. Surfaces should be clean and dry and overlap area firm and well abraded. Grinding/wire brushing is acceptable providing an adequate surface profile is produced.

Concrete: Remove all laitance and other contaminants by most appropriate method e.g. blast cleaning. Ensure that concrete is dry to a reading of less than 16% on the Wood Moisture Equivalent (WME) scale of the Protimeter Surveymaster SM Moisture Meter or similar instrument. Seal with U-Coat 501 and re-coat in accordance with data sheet U8.

PRODUCT APPLICATION

Mixing	Stir base to ease structure, then add one complete unit of correct activator. Mix thoroughly, scraping sides and bottom of can, then decant into a clean container and further mix to ensure a uniform blend. Pot life approx. 5 mins. @ 20°C.
Thinners	Do not thin
Brush	Once mixed use immediately
Roller	
Conventional Spray	
Airless Spray	
Air Assisted Airless Spray	
Cleaner	Thinner No.4
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.4 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.
The user must observe local health, safety and environmental regulations when using this product.
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

PACK WEIGHTS

STORAGE CONDITIONS

Shelf life : 12 months unopened in moderate, dry storage conditions

LIMITATIONS

This material contains coal tar pitch products and is not designed for use on applications in direct contact with potable water or foodstuffs.

Acothane TU Repair Mastic has the same pigment and resin concentration, composition etc. as other grades of Acothane TU, and all grades are totally compatible.

The material may be applied to a high film thickness in one coating operation and is extremely useful for joint coating, repairs, wood coating, filling of holes, cracks etc. and offers fast cure and early commissioning.

Temperature: At Application: Preferably above 0°C (steel surface temperature at least 3°C above dew point)
In Service: Immersion 0 to 80°C depending on solution
Dry -20 to 110°C continuous

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>
Bond Strength	ISO 4624 (Grit Blasted Steel)	>10 Mpa @ 23°C
Shrinkage	-	Negligible
Shore Hardness	-	'D' 65-70 approx.
Cathodic Disbonding	DIN 30671 (30 days @ 23°C) 1 mm Thickness	Pass
	DIN 30671 (2 days @ 65°C) 1 mm Thickness	Pass

DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.