



## TECHNICAL DATA

### SILENT TRACK

#### Product Description

ALH Systems Silent Track polymer is an elastomeric material produced from a blend of polyether polyols. The elastomer is a flexible polyurethane specially formulated for incorporation into the Silent Track tuned damper.

#### Features

- \*Suitable for meter/mix/dispense application
- \*Good chemical and environmental resistance
- \*Coal Tar Free
- \*Bonds well to steel with appropriate primer
- \*Complies with Silent Track performance requirements

#### Typical Uncured Physical Properties

Property	Component	Result
Colour	Base	Black
	Hardener	Clear Light Brown
Viscosity @ 23°C	Base	200 Poise
	Hardener	3 Poise
Specific Gravity @ 23°C	Base	1.25
	Hardener	1.20
Mix Ratio (by weight) (by volume)	Base: Hardener	11: 1
	Base: Hardener	10.6: 1



## Typical Cured Properties

Property	Result
Shore A" Hardness	55
Density	1.25 g/cm <sup>3</sup>
Tensile Strength	1.5 MPa
Elongation at Break	65%
Youngs Modulus	2.75MPa
Volume Resistivity	8.30 x10 <sup>10</sup> Ω·cm
Reaction Rate	To suit customer requirements

## Solvent Resistance

Water	Excellent
Alcohols	Good
Ketones	Poor

## Cure Schedule

Temperature °C	Time to full cure (hours)
23	48

Note: The above technical information and data should be considered representative or typical only and should not be used for specification purposes.



# ALH Group



### Directions for use

Material should be applied using appropriate meter/mix/ dispense equipment

### Surface Preparation

Surface should be shot blasted prior to primer application

### Storage and Shelf Life

12 months at 5 -30°C in sealed containers



## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. All Products should be used in accordance with your own COSHH Assessments. For additional health and safety information, call 01373 858234.

## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that ALH believes are reliable, but the accuracy or completeness of such information is not guaranteed.

## Product Use

Many factors beyond ALH's control and uniquely within user's knowledge and control can affect the use and performance of an ALH product in a particular application. Given the variety of factors that can affect the use and performance of an ALH product, the user is solely responsible for evaluating the ALH product and determining whether it is fit for a particular purpose and suitable for the user's methods of application.

## Warranty, Limited Remedy and Disclaimer

Unless an additional warranty is specifically state on the applicable ALH product packaging or product literature, ALH warrants that each ALH product meets the applicable ALH product specification at the time ALH ships the product. ALH MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONIDTION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the ALH product does not conform to this warranty, then the sole and exclusive remedy is, at ALH's option, replacement of the ALH product or refund of the purchase price.

## Limitation of Liability

Except where prohibited by law, ALH will not be liable for any loss or damage arising from the ALH product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.