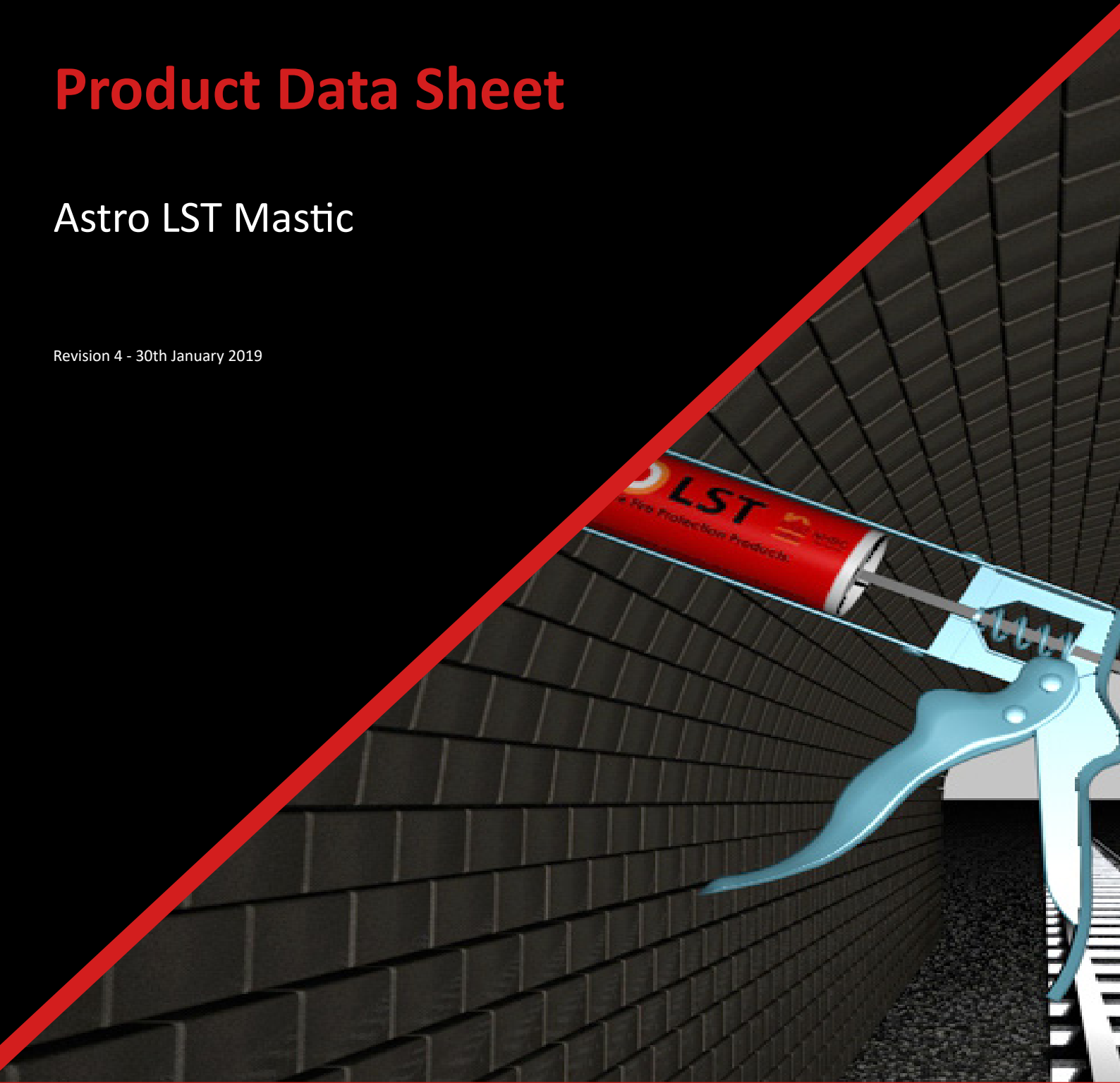


Product Data Sheet

Astro LST Mastic

Revision 4 - 30th January 2019



Astro LST Mastic

Low Smoke & Toxicity Intumescent Mastic Sealant

- Designed for use within enclosed areas such as tunnels and underground systems.
- Tested for passenger carrying train systems to BS6853:1999.
- Low smoke and toxicity levels.
- Tested in accordance with EN 1366-3 : 2009.
- Tested BS 6853:1999 D8.3: Smoke Ao (max) and tested BS 6853:1999 B.1: Toxicity R value
- Fire Classification to EN 13501-2.
- Tested in accordance with EN 10140-2 : 2010.
- Air Permeability testing to EN 1026.
- Mechanical Adhesion and Tensile testing to EN ISO 8039 & EN ISO 9046.



Product Description

A water based acrylic sealant designed to resist the passage of fire, by forming a char that prevents the passage of fire and smoke, while maintaining excellent low smoke and toxicity levels.

Astro LST Mastic is halogen free and does not emit halogenated by-products under fire conditions.

High performance fire resistance rating with joint movement capabilities.

Highly flexible and it has good unprimed adhesion to a wide variety of common building substrates.

Tested in Block Wall, Concrete, Masonry and Plasterboard Partition. Tested in Concrete Floors.

Tested in gaps up to 60mm wide.

In normal use it maintains the sound reduction index of a structure.

Mould resistant.

This sealant contains no raw materials known to have an estrogenic effect in the environment

General Characteristics	Inspection Method	Value
Product Data (uncured)		
Density (S.G)	ASTM D792:13	1.63
Appearance		Paste, matt finish
Resistance to flow	ISO 7390 : 2003	Pass
Product Data (after curing)		
Hardness Shore A	ISO 7619-1 : 2010	63/39
Operating Temperature °C		-5 to 40
Loss Mass of Mass on Heating	ISO 3451-1 (Method A)	68.34
Flexibility - Bend Test	ISO 1519	Pass
Longevity of Firestop Materials	ASTM E2923 : 14	30 Years
Conditioning	EOTA TR024	Type X

Astro LST Mastic is not affected by an outdoor environment. However, for long term storage and ease of installation, it is recommended that it should be stored indoors ideally in dry frost free conditions above 0°C and below +30°C.

Product Availability

The Astro LST Mastic Comes Only in White

Product Code	Product Description	Size
AFIMLST	Astro LST Mastic White	310ml

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / sizes
 Typical example:- 10 / AFIMLST / Astro LST Mastic / 310ml

>> Tel: [01329 844 500](tel:01329844500) or >> Email: sales@astroflame.com

Installation

Please see installation sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500)
 or E: sales@astroflame.com

Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500)
 or E: sales@astroflame.com

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