

## Teknikum RAIL SAFE MAT™ EPDM Black 70



### APPLICATIONS

This black rubber is sold as a ready to use mat and as raw rubber compound. It is made from fire retarded sulfur cured EPDM based rubber.

The mat meets the second hazard level demands for fire resistance of flooring materials in railway applications. The rubber compound used for this high-quality mat can be used for flooring or for other products where similar flame retardancy is required.

### ADVANTAGES

- Halogen free and flame-retardant
- Can be used as flooring in trams and trains for HL1 and HL2

### TECHNICAL PROPERTIES

#### Elastomer

- EPDM

#### Environmental resistance

- Good resistance to chemicals
- Good weather resistance

### QUALITY & COMPLIANCE

Compliant with EN 45545-2: 2020 R10 HL2.

The manufacturing quality control is based on ISO-9001 certified systems.

The rubber compound does not contain any RoHS 2 controlled substances or phthalates and is compliant with REACH directive.

The compound does not contain over 0.1 % by mass of any substances named on the SVHC (Substances of Very High Concern) candidate list XIV of REACH.

### MANUFACTURER

Teknikum Ltd (Business ID FI 07645274)  
Sementtitehtaankuja 12, FI-04260 Kerava,  
FINLAND

#### Sales & Marketing

Teknikum Group, Compounds

#### More information

[sales@teknikum.com](mailto:sales@teknikum.com)

[www.teknikum.com](http://www.teknikum.com)

All rights reserved. © 2024 Teknikum Group Ltd.



## TYPICAL MATERIAL PROPERTIES<sup>1</sup>

Property	Standard	Unit	Value
Hardness	ISO 48-4	Shore A	70 ± 5
Tensile strength	ISO 37	MPa	10
Elongation at break	ISO 37	%	500
Specific weight	ISO 2781	kg/l	1,3
Temperature range	-	°C	- 30 - + 110

<sup>1</sup>Note: The above mechanical values are typical mean values of the production compounds and should not be used as specification limit or as a basis of design.

## ORDER REFERENCE

Note! The mat can be delivered as roll or as ready cut shapes according to project needs.

Product code	Profile	Thickness mm	Roll size W x L mm*	Rubber quality	MOQ	Color
SLSAL6150EPDM	Ribbed	6	1500 x 10000	EPDM	project based	Black
SL77301603	Smooth	3	1200* x 10000	EPDM	project based	Black
S773016AB	Compound	-	Calendered or strips	EPDM	project based	Black

\*Also 1500 mm width possible by request.

## REFERENCE IMAGES

### Ribbed profile

