

TECHNICAL DATA SHEET

KISO 358 BUTYL Superior

Date: 11/11/2020

Version 12

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Product

KISO 358 BUTYL Superior is a general purpose rubber based preformed extruded butyl tape.

Key Features

- Good adhesion to a wide range of substrates
- Excellent UV resistance
- NFRC Class A Certificate
- Independent third party certification by a UKAS accredited laboratory
- Quick, clean and easy to apply with little waste
- Provides a water and air tight seal
- Noise reducing
- Highly conformable
- Solvent free
- Remains flexible throughout service life

Areas of application

- Sealing of joints in mobile homes, motorhomes and caravan construction
- Side and end lap joints in metal roofing and cladding systems
- Air, water and dust sealing of compression joints and seams
- Joint seal and gap filling for inland boat and leisure industries
- Metal gutter joints
- Sealing of duct flanges in HVAC systems
- Acoustic solution in the automotive industry

Technical Features

	Unit	Nominal Value	Test Method
Compression 50%	kN/m ²	110	KISO 5
Peel Adhesion	N/cm	>12	KISO 13
Strain Peak Force, Fmax	kN/m ²	35	KISO 5
Density	g/cm ³	1.60	DS/ISO 2781A
Needle Penetration (23°C)	dmm	70	ASTM D 5 (adjusted)
Service Temperature Range	°C	-30 - +80	

KISO - KISO Test Method

Standard Dimensions and Packaging

KISO 358 BUTYL Superior is supplied as a preformed tape on a siliconised release paper or foil. The product is offered in various dimensions. The number of meter per roll and rolls per carton is determined by product dimensions and customer requirement.

Available colours: Black, white, grey and blue (other colours on request).

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Application

Application temperature: > 5°C (15°C - 25°C recommended)

Surface preparation: All surfaces MUST be clean, dry and free from dust, grease and loose materials. Propan-2-ol is recommended for cleaning (smooth surfaces). Make sure the surface is allowed to dry prior to application of the butyl tape.

Application: Apply by hand directly from the reel; apply the sealant firmly on one surface, remove the protection paper and apply the other surface on the strip surface. Press firmly.

Shelf life: At least 2 years from date of manufacture under cool and dry storage conditions.

Service life: Estimated 30 years*.

Disposal: The product is not biodegradable, do not disperse it in the environment after use.

*Depending on application

Tolerances

Rectangular Profiles:	Width (mm)	Unit	Tolerance (+/-)*
	- 2.5	mm	0.35
	2.6 - 4.0	mm	0.40
	4.1 - 6.3	mm	0.50
	6.4 - 10	mm	0.70
	11 - 16	mm	0.80
	17 - 25	mm	1.00
	26 - 150	mm	2.00

*DIN 7715 T3 class E2

Thickness: +/- 10%*

*DIN 7715 T3 class E1 or better

Round Profiles:

All Diameters: Calculated weight +/- 10%

Length (All Profiles):

+/- 1.5%

Test

KISO can neither ascertain nor warrant that the Product is suitable for the specific purpose, interacts with the substrate or other material in the construction, construction method used or application chosen by the Purchaser in a way and with a result desired or anticipated by the Purchaser. Therefore, the Purchaser shall conduct and perform any such tests, studies and analysis of the Product to ascertain whether the Product is suitable for the Purchaser's production process and end products and / or application. KISO merely and exclusively warrants that the Products comply with the sections Technical Features, Standard Dimensions and Packaging, Application and Tolerances stated in this Specification. Characteristics of the Product that are not specified in this Specification are not warranted.

More information

For further information, please contact our Sales Team or send us an e-mail at kiso@kiso.dk

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