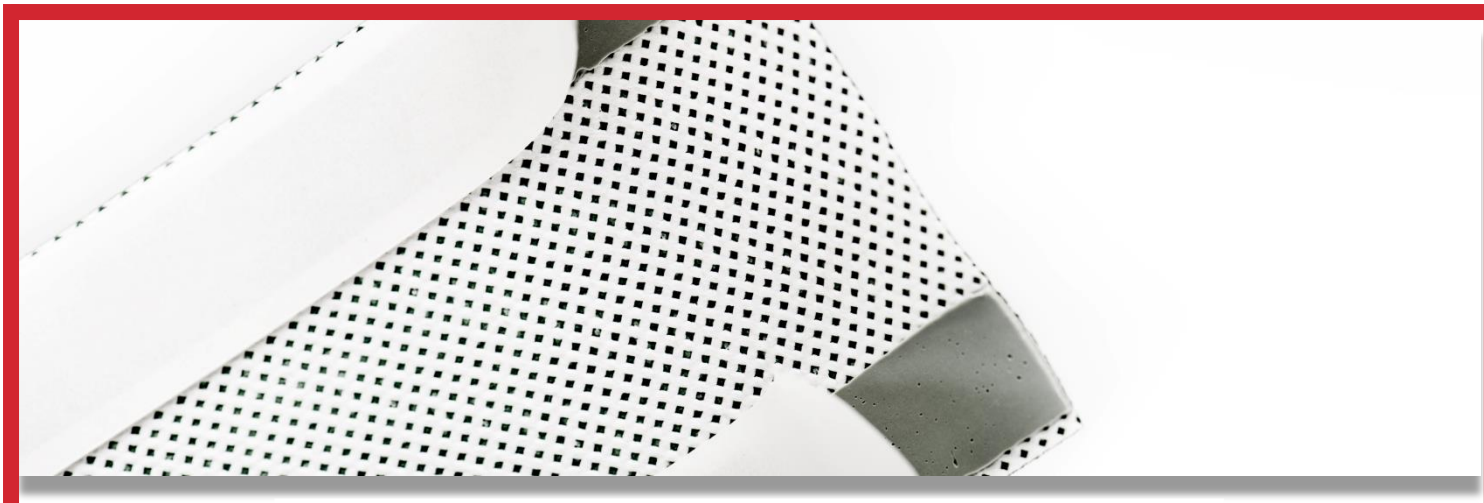

KISO 513 DIFF-OPEN-PP-BUTYL

KISO 513 DIFF-OPEN-PP-BUTYL is a diffusion open membrane with integral butyl strips. As part of the climate screen, it is primarily used for the outer sealing of buildings around window and door apertures.

An easy and reliable solution for a healthier indoor climate

KISO 513 DIFF-OPEN-PP-BUTYL provides an airtight, moisture resistant but vapour-permeable solution within the construction.

To help meet building regulations and develop an efficient climate screen, KISO 513 DIFF-OPEN-PP-BUTYL is an easy and safe installation of vapour barriers around window and door openings. It allows the building to breathe but remain sealed, reducing condensation and the formation of mould, providing a healthier indoor climate. Quick, clean and easy to use, the butyl adheres very well to most building materials. The membrane may be plastered and painted.

The product is also suitable as an air and vapour seal in roofing and cladding systems, containers and cold stores.

KISO 513 DIFF-OPEN-PP-BUTYL is supplied with one or two strips of butyl – two strips on the same side or one on each side to suit your specific needs.

KISO 513 DIFF-OPEN-PP-BUTYL; a diffusion open membrane allows the building to breathe

KISO 513 DIFF-OPEN-PP-BUTYL; with one or two strips of butyl. Two strips together or one on each side.

Advantages

- Airtight, water resistant but vapour-permeable (Water vapour transmission (Sd): 0.05 m)
- Accepts plaster and paint
- Contributes to thermal efficiency in construction by reducing heat loss
- Strong adhesion to concrete, wood, metal and glass
- The butyl is non hardening – remains flexible throughout service life
- Highly adhesive
- Simple, quick and safe installation
- Use together with KISO 508 LINING BARRIER for a complete solution for inner and outer sealing

KISO Climate Screen

TECHNICAL DATA

KISO 513 DIFF-OPEN-PP-BUTYL is a diffusion open membrane applied with rubber based extruded and self adhesive butyl sealing strips. The product is offered in various dimensions.

Technical Data - Butyl: KISO 558 BUTYL Strong Adhesion - Grey

	Unit	Nominal Value	Test Method
Compression 50%	kN/m^2	100	KISO 5
Adhesion	N/cm	>19	KISO 13
Strain Peak Force, Fmax	kN/m^2	35	KISO 5
Density	g/cm^3	1.48	DS/ISO 2781A, KISO 2
Needle Penetration (23°C)	dmm	80	ASTM D 5 (adjusted), KISO 1
Service Temperature Range	°C	-30 - +80	

KISO - KISO Test Method

Technical Features, Diffusion open polypropylene

		Tolerances		
	Performances	Min.	Max.	Test Method
Water vapour transmission Sd (m)	0.05	0.02	0.1	EN 1931
Tensile force, longitudinal (N/50mm)	210	180	300	EN 12311-1
Tensile force, transverse (N/50mm)	170	150	250	EN 12311-1

Important when applying KISO 513 DIFF-OPEN-PP-BUTYL

- All surfaces MUST be clean, dry and free from dust, grease and loose materials. Propan-2-ol is recommended for cleaning of smooth surfaces. Make sure the surface is allowed to dry before application.
- Porous surfaces should be pre-treated with a suitable primer

Note:

The Technical Data above are based on laboratory tests performed at KISO. The Technical Features are to be regarded as target values. Properties quoted are typical and does not constitute a specification nor an explicit or implicit warranty. Due to the large variability in application conditions it is advisable that the product is tested by the user to establish suitability for the intended use.