

MasterSeal[®] 931

Flexible butyl rubber tape with a non-woven backing

DESCRIPTION

MasterSeal 931 is a cold adhesive tape composed of a layer of viscoelastic butyl and a non-woven backing. The non-woven material enables the product to distort in both transverse and longitudinal directions. An “easy peel” release paper protects the adhesive side.

The non-woven allows a good cementability with common tile adhesives or sealants, structure embossing.

TYPICAL APPLICATIONS

- Repairing cracked concrete
- Sealing of damp proof rooms
- Sealing of elements in metal construction
- Sealing connections & overlaps
- Sealing of roof caps
- Sealing tape for internal and external application

ADVANTAGES

- Excellent elongation
- Accommodates long term movements
- A degree of memory
- Easy, fast and economical to use
- Permanently flexible
- Can be painted and plastered over
- Versatile – suitable on concrete, plaster, timber, plywood, fibre cement sheet, block work, most metal surfaces
- UV stable

LIMITATIONS

MasterSeal 931 is solvent sensitive and shall not be used in combination with solvented coatings or shall be protected in direct contact with solvents. While using in conjunction with other sealants please consult our Technical Services Department for advice.

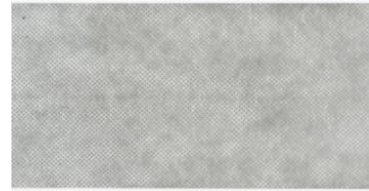
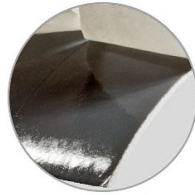
PACKAGING

MasterSeal 931 is supplied as follows:
Length (Internal): 25m (-0.0m/0.25m)
Width (without release liner): 120mm (+/- 3mm)
Thickness (Without release liner): 640 microns (+/- 120microns).

TYPICAL PROPERTIES*

Characteristics	Results	Tolerance
Extension break longitudinal DIN EN ISO 527-3	60%	≥ 35%
Extension break lateral DIN EN ISO 527-3	80%	≥ 50%
Peel test on neutral PVC carrier (Internal)	≥ 13 N/20 mm	

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APPLICATION GUIDELINES

SURFACE PREPARATION

Surfaces must be clean, dry and free of dust. Check that the mastic is compatible with the surface in terms of adhesiveness, staining and chemical compatibility (test a section first). Brittle, porous or fragile surfaces must be pre-treated with **MasterEmaco P 102** or as recommended by Master Builders Solutions Technical Services Department and allow primer to fully dry.

Start peeling the release paper and position the product. Start stripping the liner off gradually. Simultaneously press down firmly to avoid air bubbles.

To avoid any possible unbonding take care that the product takes the shape of the outline of the support when applying. Press the product down firmly once applied.

Ensure to maintain minimum of 50 mm overlap at all joints.

When replacing bituminous tape, free the substrate surface of any bituminous traces and remove grease with a solvent.

The non-woven material can be painted. However, the low viscosity of the mastic can cause cracking of the coat of paint, as the mastic is more flexible. Plaster, adhesives or paints,

which cover the non-woven material, must be compatible with its chemical properties.

Application temperature	+5°C to +40°C
Service temperature	-30°C to +80°C

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STORAGE AND SHELF LIFE

Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment.

Shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice please consult Technical Services Department.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the MBCC Group in many countries.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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Disclaimer: the TUV mark relates to certified management system and not to the product mentioned on this datasheet



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