

Adhesive Vapour Barrier Membrane Alu- Butyl



Fire-Classification M1
Fire- Classification ASTM E84-05



Product description

Use	<ul style="list-style-type: none"> A high tack butyl adhesive laminated with tearable aluminium foil. The adhesive side is protected by a peelable liner.
Fields of applications	<ul style="list-style-type: none"> For sealing internal and external joint in piping/ducting in construction and industry. HVAC industry. Petrochemical and cryogenic applications.

Characteristics

Thickness	<ul style="list-style-type: none"> butyl aluminium foil 		0,6mm / 1,2mm 50µm
Slump resistance	<ul style="list-style-type: none"> 5°C 70°C 	ISO 7390 ISO 7390	0 mm ≤ 3 mm
Temperature	<ul style="list-style-type: none"> of application of service 		+ 5°C ≤ T ≤ + 40°C - 30°C ≤ T ≤ + 80°C
Peeling force at 90°		MEL052	≈ 4 N/cm
UV resistance			Very good resistance
Flamespread Index		ASTM E84-05	0
Smoke developed Index		ASTM E84-05	0
Permeability to vapour	<ul style="list-style-type: none"> (Water Vapour transmission Rate) 	ASTM E96	3,14 E - 10 g / (Pa.S.m ²)
Fire classification			M1

RESY AL B

Devtec Technological Adhesives Ltd.

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Test report

<ul style="list-style-type: none"> ■ Flame spread index : ■ Smoke developed index: ■ Fire reaction: ■ Water vapor transmission: 	<ul style="list-style-type: none"> • Report N°3091571SAT-001 par intertel ETL semko (USA). • Report N°3091571SAT-001 par intertel ETL semko (USA) • Classement M1 de réaction au feu d'un matériau N°14113-08 du SNPE. • Water Vapor Transmission Rate N°A41075 par Aspen Research Incorporation (USA).
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Instruction for use

<ul style="list-style-type: none"> ■ Surface preparation 	<ul style="list-style-type: none"> • It is up to the users to check the compatibility with the surface in terms of adherence, chemical compatibility and staining over the range of the application temperatures. • The surfaces must be clean, dry and free of dust . In case of friable, porous or fragile supports, it's advisable to stabilize them with P100 Primer. When replacing the bituminous tape, clean the supports of all bitumen traces and degrease with a solvent. For an application between 0°C and +5°C, check beforehand the absence of frost or of condensation on the surface.
<ul style="list-style-type: none"> ■ Application 	<ul style="list-style-type: none"> • Start peeling off the protective liner and apply the product. Remove the protective liner progressively when installing. Carry out a first roll-pressing to avoid entrapment of air bubbles. • Resy AL B must be applied with overlap and hand pressure when spiral winding. • The aluminium foil of Resy AL B may be painted after a preliminary test of suitability. • Butyl sealants are plastic products. They do not possess any elastic resilience. Do not use for permanent fixings or in load bearing applications instead of an adhesive or of a mechanical fixing. The mechanical performances of butyl sealants decrease with an increase of temperature. Butyls sealants are sensitive to solvents. • For a use in vapor barrier membrane, consult our general instructions of application.

Shelf life - Storage

<ul style="list-style-type: none"> ■ Conditions 	<ul style="list-style-type: none"> • 12 months from production date, in original unopened packaging and protected from humidity. • Store in a well ventilated room and at a maximum temperature of 30°C.
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Recommendations

Our technical advices on the use of the product are expressed either orally, in writing or by means of tests. They are given to the best of our knowledge. They constitute simple indications which do not engage our responsibility. These values are given as an indication only and they cannot, in any case, be regarded as specifications. Insofar as it is not possible for us to control the use of the product and taking into account the diversity of materials and the possible uses, the users will have to carry out the tests necessary to determine if the product is suited for the specific use for which it is intended. It is up to the users to respect local legislation and to obtain the homologations and authorizations that are eventually required. Please check with our Customer Service that you have the current version of the Technical Data Sheets and of the Safety Data Sheets of the products you use.

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