



# RLA Miracryl 80 / 150 Butyl Tape

## *High Performance Reinforcing Butyl Tape*

### **Description**

RLA Miracryl Butyl Tape is a cold adhesive stretchy tape composed of a layer of visco-elastic butyl and a non-woven backing. The non-woven material enables the product to distort in the transversal direction and in the longitudinal direction. A dual strip, waxed release paper protects the adhesive side and enables the product to be easily installed in internal corners.

### **Applications**

Re-enforcing cracked concrete or internal and external corners, prior to installing M2P waterproofing membrane. RLA Miracryl Butyl Tape can be used in other applications also such as repairing roofing, installing widow frames or general leak repairs around the home. The non-woven backing enables the product to take the shape of the support and accepts significant dimensional distortion.

### **Use**

Surfaces must be clean, dry and free of dust. Users must check that RLA Miracryl Butyl Tape is compatible with the surface in terms of adhesiveness, staining and chemical compatibility (test a section first). Porous surfaces must be primed first with Miracryl primer. Where Miracryl Butyl Tape is to be used to re-enforce cracks or substrate changes, a neutral curing silicone such as Tilesil-N must be applied first to the critical point. If the crack/joint is greater than 5mm, foam backing rod should be inserted first

Start peeling the release paper, position the product. Start stripping the release paper off gradually; simultaneously press down firmly to avoid air bubbles. To avoid any delaminating, take care that the product takes the shape of the outline of the support when applying. Press the product down firmly once applied. When replacing bituminous tape, free the 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 must be compatible with its chemical properties, test first.

Butyl tapes are solvent sensitive.

### **Characteristics**

#### **Characteristics of the non-woven material:**

Nature of fibres	:	Polypropylene
Mass per m <sup>2</sup>	EDANA 40.3.90 :	30 g/m <sup>2</sup>
Resistance to break		
	Machine direction EDANA 20.2.89 :	45 ±10 N
	Cross direction	: 30 ±5 N

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### **Characteristics of the butyl mastic:**

Nature of rubber	:	butyl - polyisobutylène
Loss of weight	NF P 85-515 :	≤ 1 %
Resistance to flow at 5°C	ISO 7390 :	≤ 3 mm
Resistance to flow at 70°C	ISO 7390 :	≤ 3 mm
Elongation at maximum strength	NF P 85-552 :	≥ 15%

### **Characteristics of the product Miracryl Butyl Tape:**

Thickness	:	±1 mm
Right angle peeling on steel	MEL 052 :	F ≥ 4 N / cm
Shock behaviour at – 30°C	D 42 1313 :	No un-bonding
Hot run out (mesh bottom plate method)	D 45 5256 :	No run out
Application temperature	:	+ 5 °C ≤ T ≤ + 40 °C
Service temperature	:	- 30 °C ≤ T ≤ + 80 °C

### **Safety**

Avoid contact with the skin.  
Keep out of reach of children.  
Consult Miracryl Butyl Tape Safety Data Sheet.

### **Shelf life - storage**

12 months from the manufacturing date, in its original unopened package away from humidity.  
Store in a properly ventilated room at a maximum temperature of 30°C.  
The “easy peel” release paper tends to slide if storage temperatures exceed 30°C.

**ALWAYS CONSULT THE SAFETY DATA SHEETS PRIOR TO USING THE PRODUCT.**

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