

CI/SfB	(31)	Ln5
CAW P10		
Uniclass L6636:P741		

## Description

A membrane on a roll with fire classification B-s1, d0 to EN13501-1, composed of a laminate film with a layer of modified butyl rubber adhesive, aluminium foil finish and a siliconised release liner.

## Colour

Aluminium

## Dimensions

Article N°	Width x Thickness (mm)	Rolls/Box
502387	100 x 1 mm	3
502408	150 x 1 mm	2
502468	200 x 1 mm	1
503514	250 x 1 mm	1
502469	300 x 1 mm	1

Roll length = 20 m

## Technical Information

Characteristic	Specification
Base Adhesive Layer	Butyl rubber (Poly-isobutadiene), grey colour
Foil (carrier)	PET/Aluminium
Release Liner	PE foil siliconised
Fire classification EN13501-1 (MPA Dresden 20171394/01.1)	B-s1, d0
UV-Resistance	Excellent
Watertightness EN1928	Pass
Watertightness After Ageing EN1928 + EN1847	Pass
Vapour diffusion EN1931	$\mu > 2,500,000$
Tensile Strength (N/50 mm)	> 200
Longitudinal & Transversal Peel Adhesion at 180° (N/10 mm)	> 11
Staining on Building Substrates	Compatible with many substrates
Temperature Resistance	-20°C to +80°C
Application Temperature	+5°C to +35°C
Storage	Rolls must be stored lying flat and level, in dry and dust-free conditions between +5°C and +35°C
Shelf Life	24 months when stored as recommended in original unopened packaging

## Preparation

- Substrates must be clean, grease-free and free from other contaminants that can be detrimental to adhesion
- Substrates also must be stable and free of loose parts.
- Ensure that obstructions are removed and that rough surfaces are levelled out.
- On highly porous surfaces (concrete, plasterwork, etc.) as well as ME480 overlaps, we recommend priming with ME901 Butyl & Bitumen Primer .



## ME480

### Butyl Tape BB



#### Usage / Purpose

ME480 has been specifically designed for construction applications where high fire retardant performance is required (e.g. tall buildings- Relevant Buildings >18 m high). Provides permanent watertightness, air tightness, compartmentalization and for repairs of vapour-impermeable joints and seals in construction applications. Bonds with most normal building materials such as glass, steel, concrete, stone, wood and aluminium.

#### Key Benefits

- Reaction to fire- EN13501-1: Class B-s1, d0 (Complies with ADB requirements)
- Both the aluminium foil and the butyl adhesive layer are UV-resistant
- Adhesive layer remains flexible at high and extremely low temperatures
- Non-staining
- Adhesive layer does not dry out
- Bonds to virtually all common substrates
- Very high vapour resistance, including water and airtightness

- To determine the width of ME480 for covering joints, the general rule is to allow the width of the joint plus 50 mm cover onto both sides of the joint.
- For membrane overlap joints, allow a minimum of 25 mm cover.

### Application

- When applying ME901, allow approximately 30 minutes to dry before commencing application of ME480.
- When applying more than one layer, start at the bottom and overlap any additional layers to provide water run-off. For window perimeter sealing, apply the sill membrane first, then the two sides and finally at the head.
- Attach the ME480 to the window frame face with a bond width of at least 10 mm, but ideally up to 20 mm. Start by forming corner sections, cutting and folding the membrane as necessary. Complete by applying lengths between the corner sections ensuring a minimum 25 mm overlap in each case. Consolidate all bonding with the use of a seam roller.
- Do not apply ME480 in temperatures below +5°C, without special measures.
- Ensure a bonding area of at least 50 mm either side of the joints.
- Ensure an overlap of at least 25 mm at the connections of ME480.
- Consolidate the bond along the length by using a seam roller.
- The bond strength will become stronger over time.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

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#### Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

#### Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in

accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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