

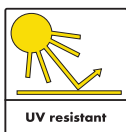
POLYTAPE ALE

Aluminium surfaced flash band

Self-adhesive, aluminum faced bitumen backed rubber modified sealing strip

CHARACTERISTICS

- ▶ Provides an instant seal and exhibits good resistance to water and vapors.
- ▶ Good adhesion to many substrates
- ▶ Efficient and cost effective.
- ▶ Easily applied by hand pressure only
- ▶ Available in wide range of widths & colours
- ▶ Lasting protection in all climates.
- ▶ Can be applied in low temperatures.
- ▶ UV - resistant



UV resistant



self adhesive



durable

DESCRIPTION

Polytape ALE flash band is self-adhesive, aluminum faced bitumen backed rubber modified sealing strip.

FIELD OF APPLICATION:

Polytape ALE is used for flashing, sealing and repair against ingress of water for mobile homes, small commercial roofs, residential porches and dormers, farm buildings, roof and gutter patching and on profile sheets. It can also be used as a flashing on up-stands.

APPLICATION INSTRUCTION

The application temperature should be between 5°C to 55°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the self-adhesive waterproofing system is as follows:

Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable Polycrete* concrete repair mortar.

Priming

The adhesion can be improved by apply Bituprime SB* (solvent based primer) @ 4-6 m²/L to a clean smooth and dry surface by brush, roller or spray. Allow the primer to



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dry prior to the application of the membrane. In addition, the primer also acts as a binder for the dust which gets accumulated on the surface even after cleaning.

Application

Unroll only the required length and cut the pieces to the desired shapes and size. Place the pieces of membrane on the area to be covered and check whether they match with the profile of the marked substrate. Peel off the release film from the self adhesive side and start unrolling the membrane and press it to the surface. Smoothen the membrane from the center to the edges with a wooden press in order to remove any entrapped air. Furthermore, an iron roller can be used for rolling on top of the applied membrane to ensure a proper and strong adhesion of the bitumen compound with the base surface ensure a minimum of 50mm overlap.

STORAGE & SHELF LIFE

Store under cover, out of direct sunlight and protect from extreme temperature. In tropical climates the product must be stored in an air-condition environment. Shelf life is up to 12 months when stored as per recommended storage condition.

HEALTH & SAFETY

As with all bitumen products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

SUPPLY

Polytape ALE	
Width, [mm]	50, 75, 100
Thickness, [mm]	1.2
Length, [m]	10
Bituprime SB	20L pail & 200L drum

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Top surfacing	Aluminum Foil	
Thickness, [mm]	1.2	DIN EN 1849-1
Tensile strength [film], [N/mm ²]	Long 40	ASTM D 882 Trans 45
Puncture resistance, [N]	>220	ASTM E 154
Reflectance, [%]	> 60	EN 410
Chemical resistance, [pH]	2.5-11.5	ASTM D 543
Crack bridging ability, [mm]	>1	ASTM C 836

All values given are subject to 5-20% tolerance.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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