

pro clima BUDAX

Butyl rubber adhesive tape system

- Strong adhesive butyl rubber tape
- Self-bonding under effect of heat
- Solvent-free primer System
- Is weather resistant for up to 3 months
- Air-tight bonds according to the requirements of DIN 4108-7, SIA 180 and ON B8110-2
- For durable airtight interior bonding
- For durable leak-proof bonding, inside and out.



Area of application

The pro clima BUDAX system enables the water-tight bonding of sub-roof panels made of wood fibre board or MDF panels and their joints according to the regulations of the German Roofing Trade. With BUDAX TOP, channels, ridges and joints to skylight windows, chimneys and dormers can be permanently secured on surfaces that have been prepared using BUDAX AC primer. The butyl rubber tape and primer can be used to ensure the air-tightness of the joints, for example, between timber frame walls and a concrete roof slab.

Features/advantages

The tape is self-welding and has a lengthwise and widthwise elasticity of up to 10%. BUDAX is weather resistant for up to 3 months. It can also be used for sealing nails under counter battens on rain-proof sub-roofs.

Please note!

For working with the tape, temperatures must be $> 5^{\circ}\text{C}$ during day and night.

If the initial bond is not satisfactory, a solvent (e.g. white spirits) may be applied to the grey butyl rubber side of the tape. The solvent increases the adhesiveness of the butyl rubber at low temperatures.

Please follow the currently valid pro clima application matrix and the recommendations of the "pro clima Interior Sealing System" brochure.

Technical information

BUDAX TOP adhesive tape

Backing	PP fleece
Colour	blue
Temp. resistance	long term up to $+85^{\circ}\text{C}$
Working temp.	$+2^{\circ}\text{C}$ to $+35^{\circ}\text{C}$
Roll width	60, 75 and 150 mm
Roll length	20 m
Package contents	with 60 mm: 5 rolls with 75 mm: 4 rolls with 150 mm: 2 rolls

BUDAX AC primer

Material	acrylate copolymer
Lösemittel	water
Temp. resistance	long term -40°C to $+90^{\circ}\text{C}$
Working temp.	$+2^{\circ}\text{C}$ to $+35^{\circ}\text{C}$
Storage	Frost protected storage!
Contents	0,75 l and 2,5 l
Coverage	approx. 4 m^2 / litre
Package contents	with 0,75 l: 6 cans with 2,5 l: 4 cans

pro clima system components for secure airtight adhesion:



SOLITEX
Diffusion permeable roof lining membrane. Also suitable for rain-proof sub-roofs.



BUDAX AC
Solvent-free primer for preparing surfaces



BUDAX TOP
Butyl rubber tape for exterior bonding jobs and mineral surfaces



Cable/pipe sleeves
Secure feed through for cables and pipes.



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Application

pro clima BUDAX butyl rubber adhesive tape system is used for water-tight bonding of sub-roofs made e.g. from wood fibre board or MDF

panels, on exterior surfaces. The BUDAX system is also suitable for airtight connections between airtight layers, made from timber panels

(e.g. OSB or chipboard), and mineral surfaces (e.g. plaster or concrete).

Surfaces

For a permanent bond, surfaces must be stable, dry, smooth and free from dust, silicon and grease. Remove dust and sawdust from surfaces (brush down). Adhesion to frozen surfaces is not possible. Surfaces must

be suitable for permanent adhesion with butyl rubber adhesive tapes. The best results for the security of the structure can be achieved on high-quality sub-roof panels made of wood fibre board, OSB or

chipboard. In case of doubt, adhesion tests should be carried out. Concrete or plaster surfaces may not be sanded.

Application

Porous surfaces, such as wood fibre board, plaster or concrete, in the area of the bond should be treated with pro clima BUDAX AC primer. Shake or stir the can well before use. A litre of BUDAX AC can cover an area of 4 m². The primer should be well ventilated. Guideline values for the drying time are about 30 min at 20°C and about 60 min at 5°C. The respective drying times may be longer given high relative humidity.

Then affix the tape in the centre of the joint between the materials being bonded. Press down the adhesive tape with a hard object such as a hammer. The bonds should not be subjected to pulling strain. The strength of the bond increases through heat action (e.g. through solar irradiation) during the period of its deployment.

Please follow the currently valid pro clima application matrix and the recommendations of the "pro clima Interior Sealing System" brochure.



Channels and ridges
Use BUDAX TOP in 150 mm for sealing channels and ridges.



Holes for pipes
Cut some roughly 10 cm long pieces from the 75 mm wide BUDAX TOP and affix to the wood fibre board or pipe in a water-tight overlapping tile formation. Alternatively, use pro clima sleeves. These should be attached with BUDAX TOP to the wood fibre board.



Chimneys
Use butyl rubber tape 150 mm for this type of connection.



Skylight window
Make connection using BUDAX TOP 75mm or 150mm, depending on requirements.

Further information about application and construction is contained in the brochure "pro clima Interior Insulation System". If there are any questions, the pro clima technical hotline can be reached at +353 46 9432104.

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