PRONIL PROBUTYL

NON-WOVEN

Technical Data Sheet



USAGE		
PROPERTIES	**UNIT**	VALUE
Dynamic Shear Adhesion	N/cm²	12
90° Peel Adhesion	N/cm²	8
180° Peel Adhesion	N/cm	9
Specific Gravity	g/cm³	1,6
Moisture Vapour Transmission Rate	g/m²/24hr/mm	0,16
Service Temperature Range	℃	-40 to +90

PRODUCT DESCRIPTION

High quality butyl rubber coated with various types of non-woven fabrics. Different sizes and colors are available. Non-woven fabric butyl tape coated over the entire width. It is a perfect solution as a seal at the bottom of windows or additional corner insulation. Thanks to the butyl, the possibility of forming the connection definitely increases while very good tightness and ease of installation is maintained.

PRODUCT FEATURES

- Excellent mechanical properties: high bonding strength and tensile strength, good elasticity and extension performance, strong adaptability to the shape change and crack of the interface, and good ability to trace the shape change of the substance.
- Stable chemical properties: It's equipped with excellent chemical resistance, weather fastness and corrosion resistance.
- Reliable application performance: Excellent binding property, water resistance, leak tightness, low temperature resistance, and high stability in size.
- Easy operation technology.

APPLICATION AREAS

- For the waterproof of the roofing, underground and structural construction joint of new projects.
- For the sealing and waterproof work of the structural construction joint of subway tunnels.
- For the gas tightness. water tightness and shock absorption of the joint of colorful contour plate, as well as the gas tightness, water tightness and shock absorption of the joint of the polycarbonate sheet engineering.
- For the bonding and sealing work for the assembly and installation of vehicles.
- For the waterproofing work for the joint of the steel structure construction.
- Use as adhesive sealants on many places such as window and door, pipe, roof, marine and more. It can be easily tear and provides pretty outlook.
- Used in damp areas for waterproofing under tiles, especially in places where there are cracks, joints, etc. It can be covered with tile adhesives or liquid-applied waterproofing materials.

USAGE AREAS

Adhesive butyl sealing tape made of butyl rubber is used for applications where it is necessary to have a high adhesion property on materials like concrete or marble featuring a finished smooth surface.

It is ideal for sealing internal and external surfaces that require protection against moisture ingress, vibration and flexing. Ideally suited for waterproofing, roofing and general building applications and can be painted and plastered.

APPLICATION

Application temperature range: +5 °C to +40 °C
Shelf life: 24 months when stored flat in original packaging in cool, dry conditions.

INSTRUCTIONS

Surface preparation: All surfaces should be clean, dry and free from frost, grease and loose materials. When cleaning contaminated substrates, PRON İL recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the butyl tape.
Application: Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer other surface to the butyl tape and push firmly to seal across the joint. The use of a roller to roll the joint, using firm pressure, is recommended to get a good bond.

PACKAGING

The product is normally supplied as a preformed strip on a siliconised release paper. A wide range of dimensions can be supplied. Product dimensions will determine the number of rolls per carton.

Available colors: Black,Gray

TOLERANCES

Rectangular sections: Thickness ± 10% Width: up to 25mm ± 1mm
26mm to 100mm ± 2mm

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. we would advise that our product should be tested by the user to establish suitability for its intended application.

Distribution in Pakistan

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