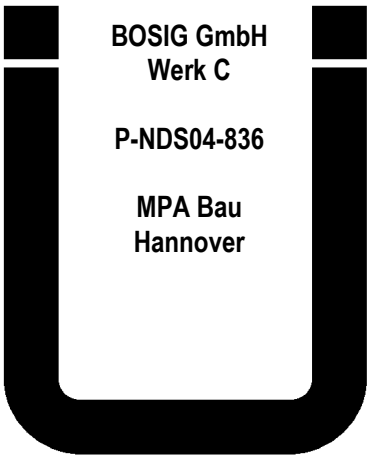
Technical Information
Combband 600

Combband 600, the specially impregnated, pre-compressed joint sealing tape, has many areas of application in modern building construction due to its characteristics, where requirements for reliable joint solutions are even more significant today than a few years ago. The product is made of material that is permeable for vapour diffusion and wind-proof, it boasts reliable resistance to heavy rains and UV light, it can be exposed to weathering, thereby considerably reducing the risk of rotting wood and fungal attacks in adjacent materials.
Combband 600 was specially developed for demanding jointing construction such as that in tall buildings, for joints with especially high tolerance, and for buildings which require a high level of resistance to outside influences. Combband 600 corresponds to building materials load classification BG 1 according to DIN 18 542.
In order to aid mounting, it is strongly self-adhesive on one side and remains elastic even if joints shift. It can be installed without chemically preparing the joint and in almost any weather conditions.
It does not create garbage which requires special handling at the construction site.

Material:
Open-cellular polyurethane soft foam with a polymer impregnate.

Scope of application:
- Sealant between window / door frames and brick-work
- Sealing between concrete elements
- Connecting joints between window sill and brick-work
- Thermal insulation – connection to upgraded insulation / thermal insulation composite system
- Sealant of partition wall components
- Sealant of coupling profiles
- Joints of skylights
- Sealant within the roof area
- Sound and oscillation damping in the ventilation and climatic area
- Sealant in the automobile industry
- as sealant material with window assembly



Technical Data:

Colour	anthracite	
Fire behaviour	Building material class B 1 (flame retardant)	ac. to DIN 4102, Part 1 MPA Building, Test certificate No.: P-NDS04-836
Building materials load classification	BG 1	ac. to DIN 18 542
Driving rain-proof	requirements fulfilled up to 600 Pa	ac. to EN 1027
Thermal conductivity	λ_{10} = 0.045 W / (m·K)	ac. to DIN 52 612
Joint permeability	a < 0.1 m³ / (h·m·(daPa)^n)	ac. to EN 1026
Vapour diffusion resistance value	μ < 100	ac. to DIN 52 615
Temperature resistance	- 30 °C to + 90 °C	
Compatibility with other building materials	requirements fulfilled	ac. to DIN 52 453
Shelf-life	1 year	ac. to DIN 53 421
Storage temperature	+ 10 °C to + 25 °C	

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Processing:
Measuring tape, scissors or a knife are needed for installation, a wooden wedge can also be used. The contact spot should be clean, dry and free of oil and fat. The joint flank should run parallel and must be generally clear of construction debris and mortar remains. Cut off Combband 600 with an excess length of approx. 2 %. The first 3 cm of each roll are to be cut off. Remove covering paper and press Combband 600 to the appropriate surface. Apply Combband 600 ca. 2 – 3 mm above the top corner of the joint. The strips should be butt-jointed. They cannot be wound around corners.
The extra length of the joint sealing strip should be pressed into the corners. Vertical joints should be continuous, begin applying strip from the bottom of vertical joints. If the joint sealing strip is to be extended, the ends of the pieces should be jointed. Overlapping is not permitted. If applied horizontally, the joint sealing strip is to be applied with the self-adhesive side down.

Please note: Combband 600 is always to be stored at a moderate temperature. No cleaning with compressed air or strong vinegary solutions. Pressure should not exceed 2 bars when cleaning with high pressure. Combband 600 may be painted, but not come in contact with chemicals which contain solvent or are aggressive.
Compatibility should be checked beforehand if working with natural stones.

Combband 600 fulfils the requirements of driving rain-proof according to DIN 18542 up to 600 Pa, fulfills the requirements of building materials load classification BG 1 and may be applied in areas which are exposed to weathering.

Characterization of the tapes	suitable for driving rain-proof joint sealing up to 600 Pa at **joint widths** of
2 x 10 mm x 12.5 m 2 x 15 mm x 12.5 m	2 – 3 mm
3 x 10 mm x 10 m 3 x 15 mm x 10 m	3 – 5 mm
4 x 15 mm x 8 m 4 x 20 mm x 8 m	4 – 7 mm
6 x 15 mm x 5.6 m 6 x 20 mm x 5.6 m	6 – 10 mm
8 x 20 mm x 4.3 m	8 – 13 mm
10 x 20 mm x 3.3 m	10 – 15 mm

Attention! Important Note:
Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.
Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.
Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.
This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2023. Please request the latest version after Jan. 01, 2024.

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