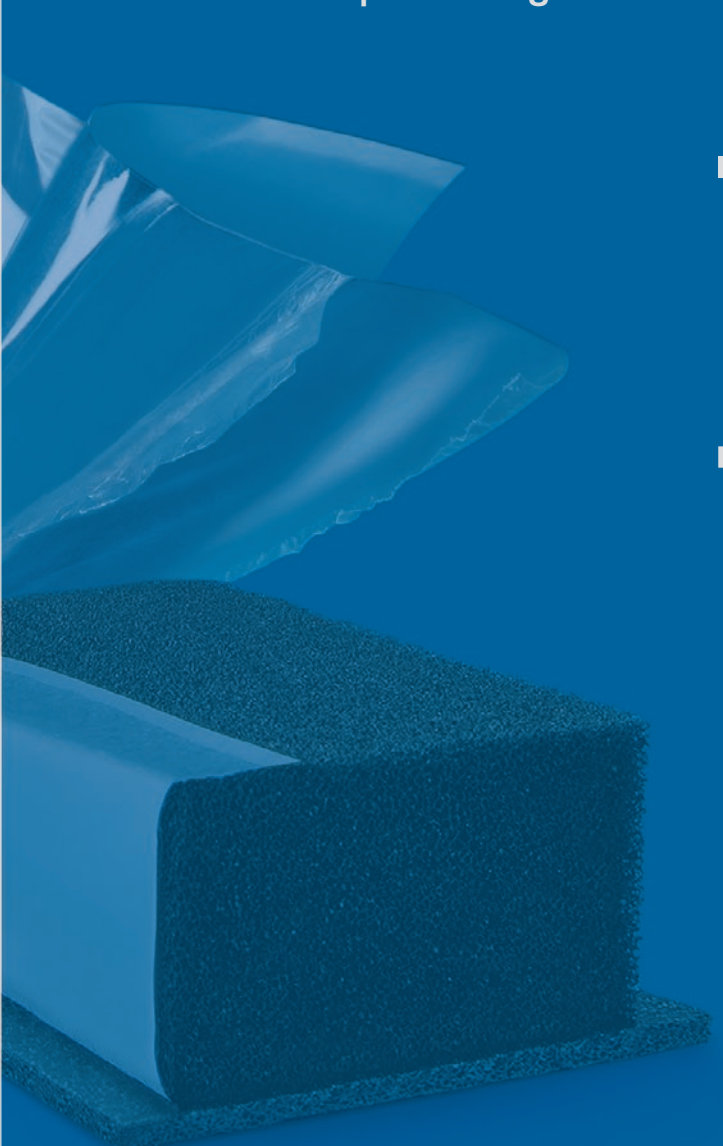




ISO-BLOCO *One Control*

The multifunctional 3-level
window seal for pre-fitting



Foam technology

Sensational pre-fitting solution

Window sealing made easy

ISO-BLOCO *One Control* is quick and easy to fit. On PVC and aluminium window frames, the tape is effortlessly clipped into the grooves in the window frame using the **ISO-TOOL Clip assembly tool**. The **ISO-TOOL Cut corner tool** is then used to create reliable corner loops. The pre-fitted tape is also available with a high-quality self-adhesive butyl fixing for use on wooden window frames and guarantees permanently airtight fixing to the window frame.

ISO-BLOCO *One Control* is encapsulated in a **special tear-off cover** which ensures that the tape remains pre-compressed even after the roll is unwound and **pre-fitted to the window frame**.

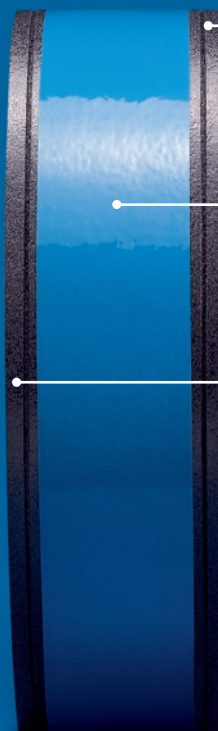
This is a great innovation as **expansion of the joint sealing tape does not start until the window is installed**. This is done by pulling the activation tab integrated into the product at the required time in order to open the foil perforations. This enables the fitter to install the window and then he, or others, can decide when to trigger the full tape expansion.

ISO-TOOL *Clip*, the assembly tool, clips the tape into the grooves in the window frame.



ISO-BLOCO *One Control* makes light work of creating a window seal that **conforms to Energy Saving Standards and RAL requirements**. The pre-compressed multi-functional joint sealing tape can be easily, quickly and reliably pre-fitted in a way that has never been possible in the past.

3 functional areas in one tape



Inside

airtight and vapour resistant

Centre

thermal and acoustic insulating

Outside

≥ 1.000 Pa weathertight

The corners are formed with ISO-TOOL *Cut*, which involves removing part of the backing material.



A loop is formed to create a permanently reliable seal for the corner.



Don't undo until you're ready

Controlled tape expansion is a wondrous thing

The controlled tape expansion opens up entirely new possibilities for the window installation industry.

For example, ISO-BLOCO *One Control* can be easily and efficiently fitted to the windows under controlled conditions on **the manufacturer's premises or in the workshop before transportation** to the site.

Window installers on site then benefit greatly from the easy-to-use pre-assembled solution. With ISO-BLOCO *One Control* there are **no more failed installations due to weathering or temperature conditions** as can occur when other sealing materials are used. In winter, installation restrictions due to low temperatures, as are the case when using structural foams for example, are unheard of. In Summer, the multifunctional pre-fitted tape does not have to be stored under cool conditions **to prevent premature expansion**, in contrast to other compressed joint sealing tapes.

With the pre-fitted ISO-BLOCO *One Control*, the seal does not have to be introduced into the joint after it is formed, which can sometimes be difficult. The smooth foil surface allows the window to slide easily into the reveal, and **the tape does not start to expand in the joint until the tear-off cover is removed**. This means that, in the future, windows can be installed regardless of the temperature and weather conditions and thus without any time pressure whatsoever.

Saving time and money can be so easy

ISO-BLOCO *One Control* makes it possible. The multifunctional joint sealing tape with three functional areas conforms to the RAL 3-level principle which would otherwise require three different products. This means less time spent fitting it, particularly since the self-adhesive tape **can be pre-fitted in the compressed state in a single step**. The product is very quickly attached around the window frame, and the subsequent window installation is also very fast as no additional time has to be spent attaching the seal. The resulting time and cost savings really cannot be overstressed.



Impressively powerful

Multifunctional – a major strength

ISO-BLOCO *One Control* is a multifunctional joint sealing tape that works on the **3-level principle** devised by the RAL.

The innovative pre-fitted tape has three functional areas. The **1000 Pa** external zone offers particularly high resistance to driving rain, while the middle zone provides reliable thermal and acoustic insulation. At the internal zone, the tape with its revolutionary low α -value of **0.00** creates a **100 % airtight vapour barrier**.

In line with the new Energy Saving Standards, the pre-fitted tape helps to **minimise heat losses** due to convection and is particularly suitable for **sealing windows in passive house construction**.

It also has an optimum vapour diffusion gradient from inside to outside (**50 : 1**) **allowing effective moisture transport to the outside**. Any moisture that has collected in the joint can quickly dry out, almost entirely preventing structural damage and mould build-up due to humidity.



highest sealing performance against rain and storm



absolute air tightness saves energy



optimum drying effect protects against mildew



3-level one step sealant

Extended range of joint applications offer even greater versatility

ISO-BLOCO *One Control* has a particularly broad range of joint applications. Joints from 6 to 33 mm can be reliably sealed with just two tape dimensions. The

high-expansion pre-fitted tape thus guarantees full reliability and performance, even when components move or there are large joint variations.

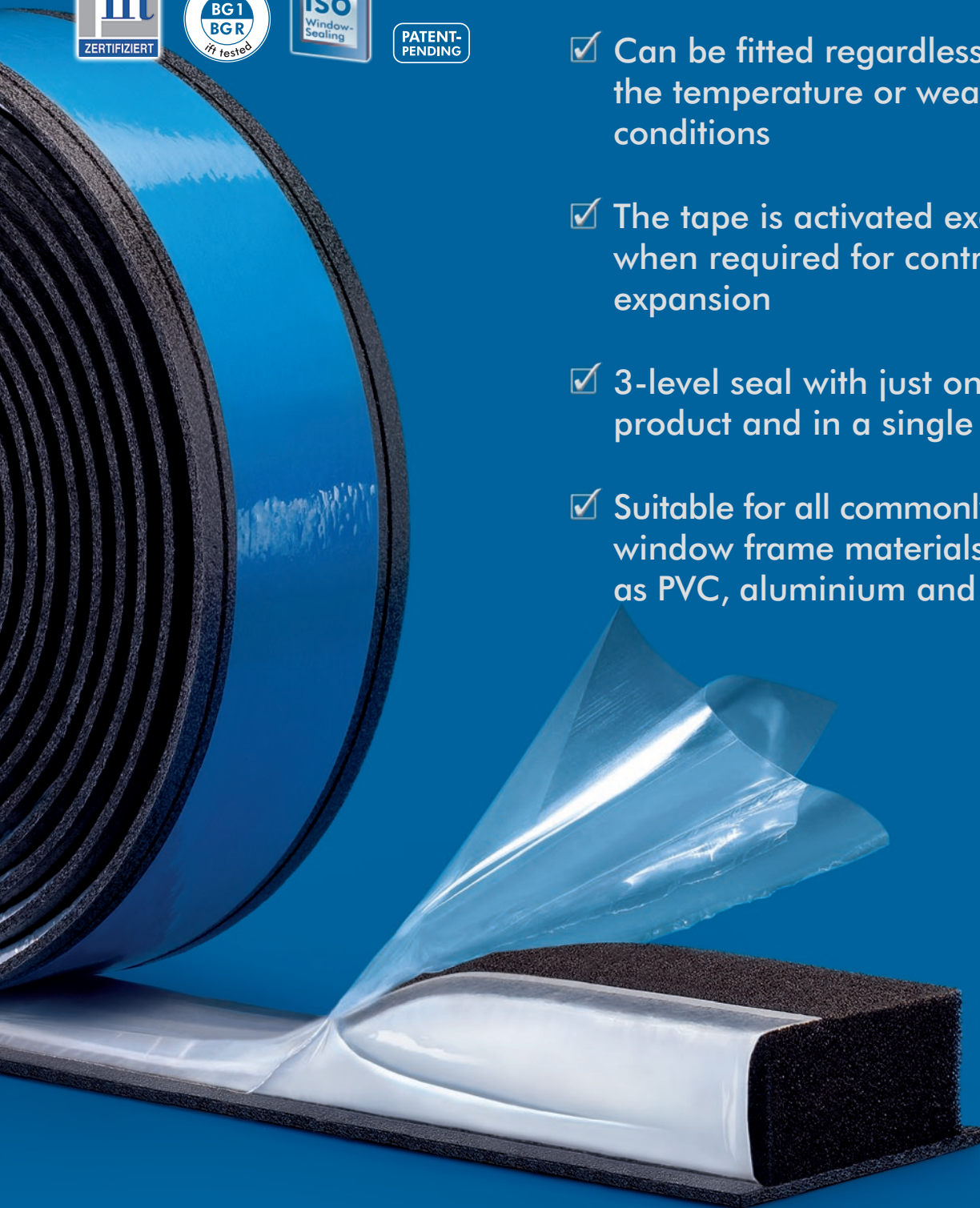
Sealing performance \geq 1000 Pa																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
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/ 8 - 33																																			

Available for all standard fitting depths from 68 to 96 mm. Special widths are available upon request.

Window sealing of tomorrow



- ✓ Time and cost advantages due to simple, fast and reliable pre-fitting
- ✓ Can be fitted regardless of the temperature or weather conditions
- ✓ The tape is activated exactly when required for controlled expansion
- ✓ 3-level seal with just one product and in a single step
- ✓ Suitable for all commonly-used window frame materials such as PVC, aluminium and wood



ISO-WORLD
use the blue technology

ISO
chemie

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