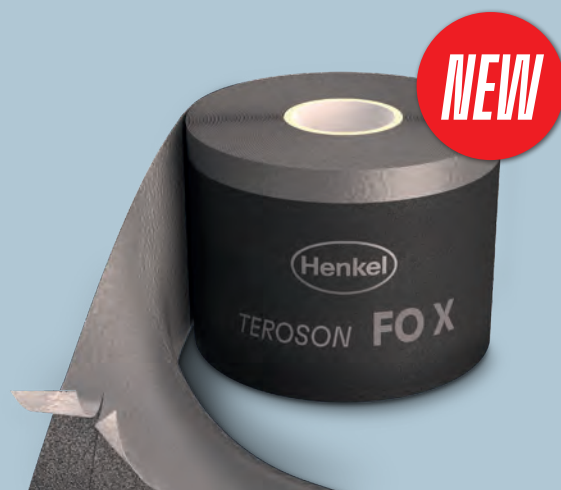


TEROSON[®]



THE X-PERT FOR SEALING IN COMBINATION WITH WOOD

The new TEROSON FO X window and façade connection tape – specially designed for timber and modular construction.



Henkel

Henkel Adhesive Technologies

BECAUSE WE ARE X-PERTS

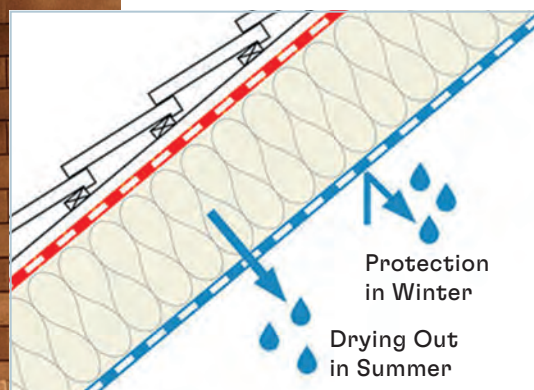
TEROSON – Your expert in façade and window sealing and bonding solutions.

With over 30 years of experience, we deliver smart, high-performance systems for superior protection against the elements – **weather, heat, and moisture.**

DIFFERENT MATERIAL, DIFFERENT PRIORITIES

In solid construction – particularly in concrete and metal façade applications – all three forms of protection mentioned above (weather, thermal, and moisture) are equally important. But in timber and modular construction, the priorities shift: here, **moisture protection and moisture management** are significantly more critical and take top priority.

The reason is simple: **wood is a natural, living material** that absorbs and releases more moisture than other building materials depending on climatic conditions. However, if wood takes in too much moisture, it can have serious consequences for its structure: it loses its static and load-bearing properties and becomes susceptible to rot. That's why **it's essential in timber construction to both minimise moisture ingress and allow any internal moisture to escape effectively**, ensuring the residual moisture content in the wood does not exceed 20%.



To ensure this, **DIN 4108-3** applies to timber construction. This standard ensures – from planning to execution – that effective moisture management is in place, allowing **year-round drying of the timber structure from the inside out.**



IN THE FUTURE, TIMBER CONSTRUCTION WILL BE SIGNIFICANTLY SCALED UP

After being predominantly used in residential construction for many years, timber structures have recently found their place in commercial and high-rise buildings. This is especially true in the case of **additions** or **extensions**. Timber offers a distinct advantage: it is lighter, making it easier to work with existing structural constraints. This makes it even more important, particularly for **additions**, that a sealing tape provides a **strong and wide adhesion range** to various materials – even under extreme weather conditions.

Whether wood, aluminum, PVC, or steel; concrete, brick, or composite panels; or existing bitumen or plastic waterproofing membranes – **the new TEROSON FO X sealing tape provides the security you need.**

ONE CONNECTION TAPE, COUNTLESS BENEFITS FOR YOU



THE RANGE OF APPLICATIONS FOR TEROSON FO X

- **WINDOW AND FAÇADE INSTALLATION** – specifically for timber and modular construction
- **WIDE RANGE OF APPLICATIONS** with eight different possibilities thanks to the variable SD value: interior and exterior, top and bottom, right and left, solid and lightweight construction.



THE PERFECT BALANCE OF SEALING AND VENTILATION: **TEROSON FO X**

The new **TEROSON FO X** sealing tape is a **moisture-adaptive, multifunctional solution**. It automatically adjusts to changing climatic conditions, altering its internal membrane structure accordingly. This means that the pores of its membrane respond by either opening or closing depending on temperature and relative humidity. As a result, the **TEROSON FO X** sealing tape ensures continuous moisture management, providing optimal water vapor diffusion behaviour throughout the year in timber construction joint connections, in compliance with **DIN 4108-3**.

This applies not only to the connection to frames and building structures but also to the joints of **moisture-variable surface sealing membranes** (house wrapping), which also adapt to climate conditions in their function.



TEROSON FO X ADVANTAGES

- **TIGHT IN EVERY WAY:** airtight, windproof, waterproof, UV resistance
- **CAN BE PLASTERED, BONDED, OR PAINTED OVER**
- **DOUBLE-SIDED SELF-ADHESIVE** thanks to innovative PSA Hybrid Technology
- **UV-STABLE FOR 12 MONTHS**
- **EC 1 PLUS CERTIFIED** in accordance with LEED, BREEAM, DGNB standards
- **MOLDABLE AND FLEXIBLE**
- **CAN BE APPLIED FROM -5°C TO 40°C**
- **SHADOW-GAP SAFE** – colour: anthracite
- **36 MONTHS SHELF LIFE**

TECHNOLOGY SHAPING TOMORROW

In Henkel's **PSA Hybrid Technology**, the best properties of hot-melt and acrylic technologies combine to create a new power that delivers even more and guarantees: **THE TECHNOLOGY OF THE FUTURE**

- **Unmatched initial adhesion** – Instant Tack
- **Extensive adhesion spectrum** on textiles, porous, and solid substrates
- **Unique adhesion properties** – even on critical and wet surfaces
- **High water resistance** and no saponification
- **Bitumen-compatible**
- **Can be applied even down to -5°C**
- **Heat resistance up to 120°C** during use

**PSA
HYBRID-
TECHNOLOGIE**

TEROSON FO X: PERFECT TO THE LAST DETAIL

Multifunctional, moisture-adaptive specialty window connection tape for both interior and exterior use

- Adjustable, ideal 1:6 SD value
- Complies with **DIN 4108-3** for timber construction
- **Airtight, windproof, and waterproof**
- **Double-sided self-adhesive**
- Suitable for both **interior and exterior applications**
- **EC 1 Plus certified** – for interior use
- **Can be applied even down to -5°C**



Article/IDH no.	Pack size/content	Dimensions	Content per shipping unit
3045623	roll	25 m x 65 mm	8
3045624	roll	25 m x 90 mm	6
3045625	roll	25 m x 140 mm	4
3045626	roll	25 m x 190 mm	2
3045627	roll	25 m x 250 mm	2
3045628	roll	25 m x 300 mm	1
3045629	roll	25 m x 400 mm	1
3045630	roll	25 m x 500 mm	12

ALWAYS MORE THAN JUST A GOOD SOLUTION: THE TEROSON CONNECTION PROGRAM

TEROSON AD SPRAY

Highly efficient spray adhesive and ideal mounting aid as a bonding and contact adhesive for sealing films and tapes.

- Usable on damp and wet substrates
- Fast-drying
- Surface-strengthening
- Quick and clean bonding
- High initial adhesion
- Can be applied even down to -10°C



TEROSON PR PRIMER M+S

Surface preparation for all TEROSON sealing membrane systems.

- Surface-strengthening
- Fast-drying
- Can be applied even down to -10°C
- High yield, economical in use
- Suitable for mineral and bituminous substrates



TEROSON AD KDS

Special polymer for universal bonding of sealing membrane systems in façade and window construction.

- Bridgeable gaps up to 20 mm
- UV and weather resistant
- Processable down to -5°C
- Bitumen resistant
- 24 months shelf stable
- Color: black



BE CLEVER – BE FOX

Moisture-sensitive materials like wood require a smart moisture management solution in two ways: for the substrate and the adhesive. In timber construction, there are specific legal requirements for both, that must be met. This can only be achieved with a solution where both components are specially designed and perfectly coordinated.

If you'd like to learn more, request a sample, or schedule an appointment with one of our FO X-perts, get in touch now.



GOOD
TO KNOW

Henkel also offers structural adhesives for laminated wood and is a market leader in the field of timber high-rise construction. For more information, scan the QR code.



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The Henkel logo, consisting of the word "Henkel" in a bold, sans-serif font, enclosed within a white oval border.