



TACTICAL
— SUPPLY PAKISTAN —

EUROTEK TK SEALING TAPE

Polysulphide sealing tapes in building constructions

EUROTEK TK SEALING TAPE

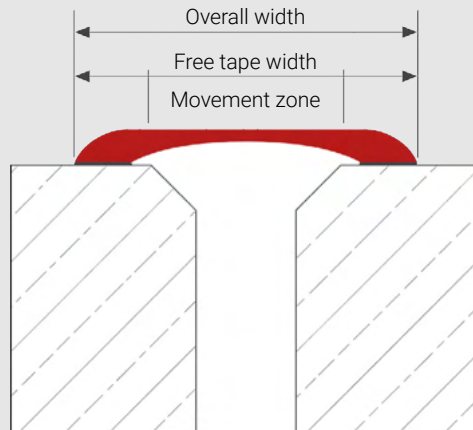
High performance polysulphide sealing tape

EUROTEK TK sealing tapes are elastic, industrially manufactured sealing tapes based on polysulphide with a high polymer content of 40% and exceptional cold flexibility down to -50°C . They are produced according to the shape requirements of DIN EN 18540 and meet the highest standards for long-term elasticity, adhesion, and weather resistance.

The key advantage of the EUROTEK TK sealing tape system lies in its free overlap across the joint. This allows for maximum movement absorption, while the available joint cross-section can be individually adjusted by selecting the appropriate tape width. The combination of high elasticity and optimised geometry minimises tensile stresses and ensures a durable, secure, and liquid-tight seal – even under complex structural movements or between different construction materials.

Thanks to the special property of cold vulcanisation of polysulphide, partial repairs and joint connections can be carried out seamlessly and liquid-tight with minimal effort. This allows the insulation layer between the concrete shells to dry out, significantly improving the overall thermal insulation performance.

Polysulphide-based sealing tapes offer extremely high UV and weather resistance – a fact proven by more than 50 years of long-term experience.



SYSTEM HIGHLIGHTS:

- Efficient, economical refurbishment system to prevent thermal bridges
- Cold-vulcanising, suitable for partial repairs
- Very high UV, weather and ageing resistance
- Easy to apply
- Excellent cold flexibility down to -50°C
- 10-year warranty

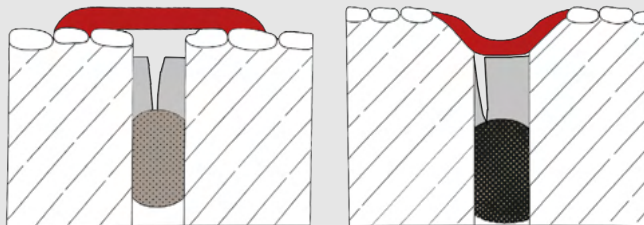
AREAS OF APPLICATION

Undersized joints

When using conventional sealants, the joint dimensions must be designed so that the maximum movement does not exceed the permissible elongation of the sealant (e.g. 25%). In practice, however, manufacturing and installation tolerances often result in joints that are too narrow. Widening such joints is both time-consuming and costly.

The EUROTEK TK sealing tape can be successfully used even where the technical requirements for a traditional joint seal are not met, such as in cases of:

- Undersized joint width
- Joints with structural deficiencies
- Insufficient joint depth
- Non-parallel joint flanks
- Missing chamfers
- Insufficient stability of joint walls
- Contaminated or soiled joint surfaces
(e.g. from release agents, impregnations,
or residual adhesion of old sealing compounds)



Undersized joints

Tearing of the sealant due to excessive strain
Refurbishment using EUROTEK TK sealing tapes based on polysulphide



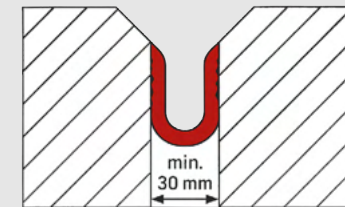
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Sealing of the thermal insulation composite system of a residential building

EUROTEK TK SEALING TAPE

High performance polysulphide sealing tape

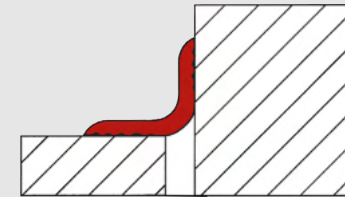
MOVEMENT JOINTS

Joints in which the movement exceeds 25% of the joint width should always be sealed with the EUROTEK TK sealing tape to ensure the required flexibility.



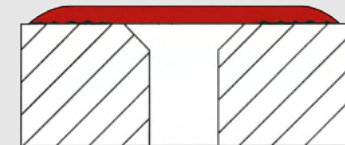
CORNER JOINTS

Due to lateral movements, corner joints are particularly difficult to seal. The EUROTEK TK sealing tape provides an ideal solution, as it can fully accommodate lateral movements.



UNEVEN OR DAMAGED JOINTS

Asymmetrical or damaged joints can significantly impair the appearance of a façade. With the EUROTEK TK sealing tape, a uniform, clean, and visually appealing joint appearance can be achieved.



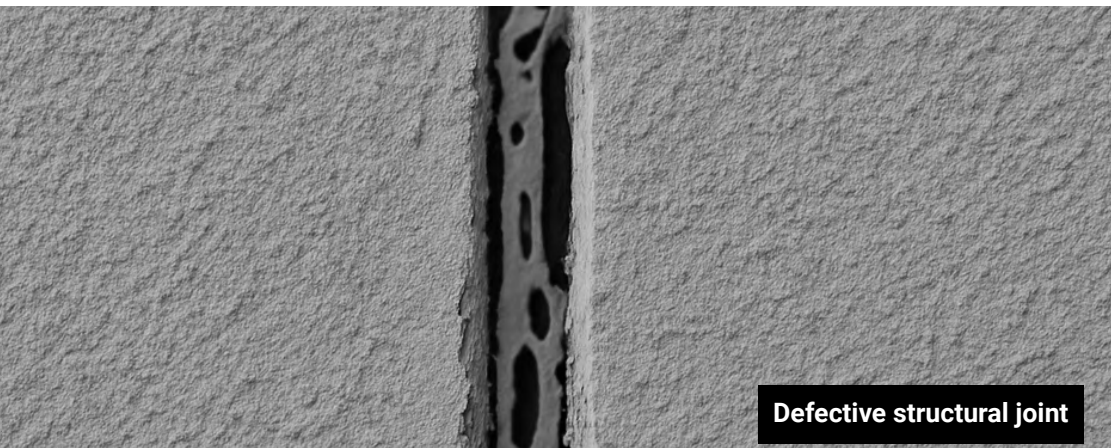
JOINT REFURBISHMENT

Joint damage often occurs due to:

- Excessive tensile stress resulting from insufficient joint width
- Failing sealants, such as plastic or elastoplastic materials, or incorrectly installed joint profiles
- Inadequate structural conditions, such as improper joint geometries or poorly prepared joint flanks

Refurbishment with conventional sealants is often uneconomical because:

- Achieving the correct joint shape is time-consuming
- Complete removal of the old sealant is difficult and labour-intensive
- Plasticisers from old sealants may penetrate the joint flanks and impair adhesion of new materials
- Joint widths over 35 mm are difficult to achieve due to the rheological properties of sealants (thixotropy and stability)

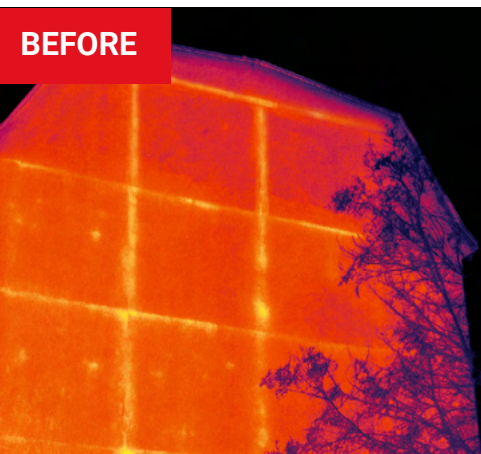


THERMOGRAPHIC RECORDINGS OF A FACADE

Before and after joint refurbishment using EUROTEK TK sealing tape

Thermal protection begins at the joint, as leaky facade joints are often invisible thermal bridges – allowing energy to escape and reducing the efficiency of the thermal insulation.

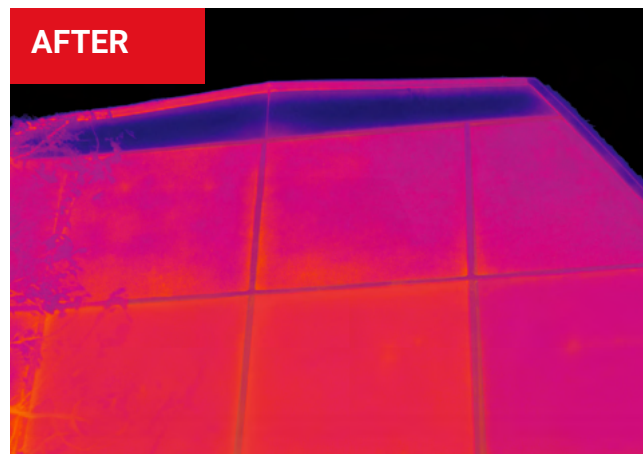
These weak points are permanently sealed with the EUROTEK TK sealing tape. The system reliably closes movement joints, prevents heat loss, and actively contributes to energy savings and long-term building protection.



Significant heat loss at leaky and damaged joints.

Leaky connection areas can lead to:

- Moisture in the insulation
- Thermal bridges
- Energy loss
- Mould growth



After refurbishment with EUROTEK TK sealing tapes, the liquid-tight joint seal ensures permanently dry insulation, significantly reducing the formation of thermal bridges, energy loss, and mould growth.



Defective joints without sealing



Permanently protected facade with clean, uniform joint lines – visually and functionally enhanced, thanks to the installation of EUROTEK TK sealing tapes.



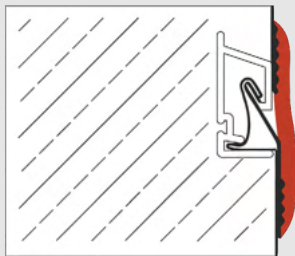
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CRITICAL JOINTS

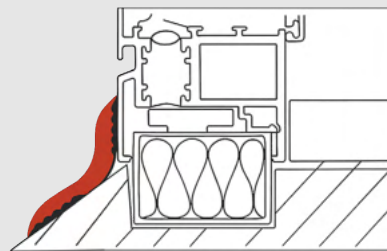
Every structure contains joints that are particularly susceptible to damage, such as:

- Parapet joints
- Window sill connections and coverings
- Transitions between roof and wall

In all these cases, the EUROTEK sealing tape system provides a durable and reliable solution.



Parapet joint



Window sill connections





10 REASONS FOR THE EUROTEK SEALING TAPE SYSTEM

- 1** 10-year warranty
- 2** High quality of an industrially manufactured product
- 3** High flexibility – compensates for varying joint geometries
- 4** Simple and safe application
- 5** Uniform and consistent appearance – visually convincing
- 6** First-class solution for exterior joints on facades and structures
- 7** Excellent cold flexibility down to $-50\text{ }^{\circ}\text{C}$
- 8** Cold-vulcanising with outstanding repair capability
- 9** UV, ageing, and weather resistance
- 10** Over 50 years of long-term experience