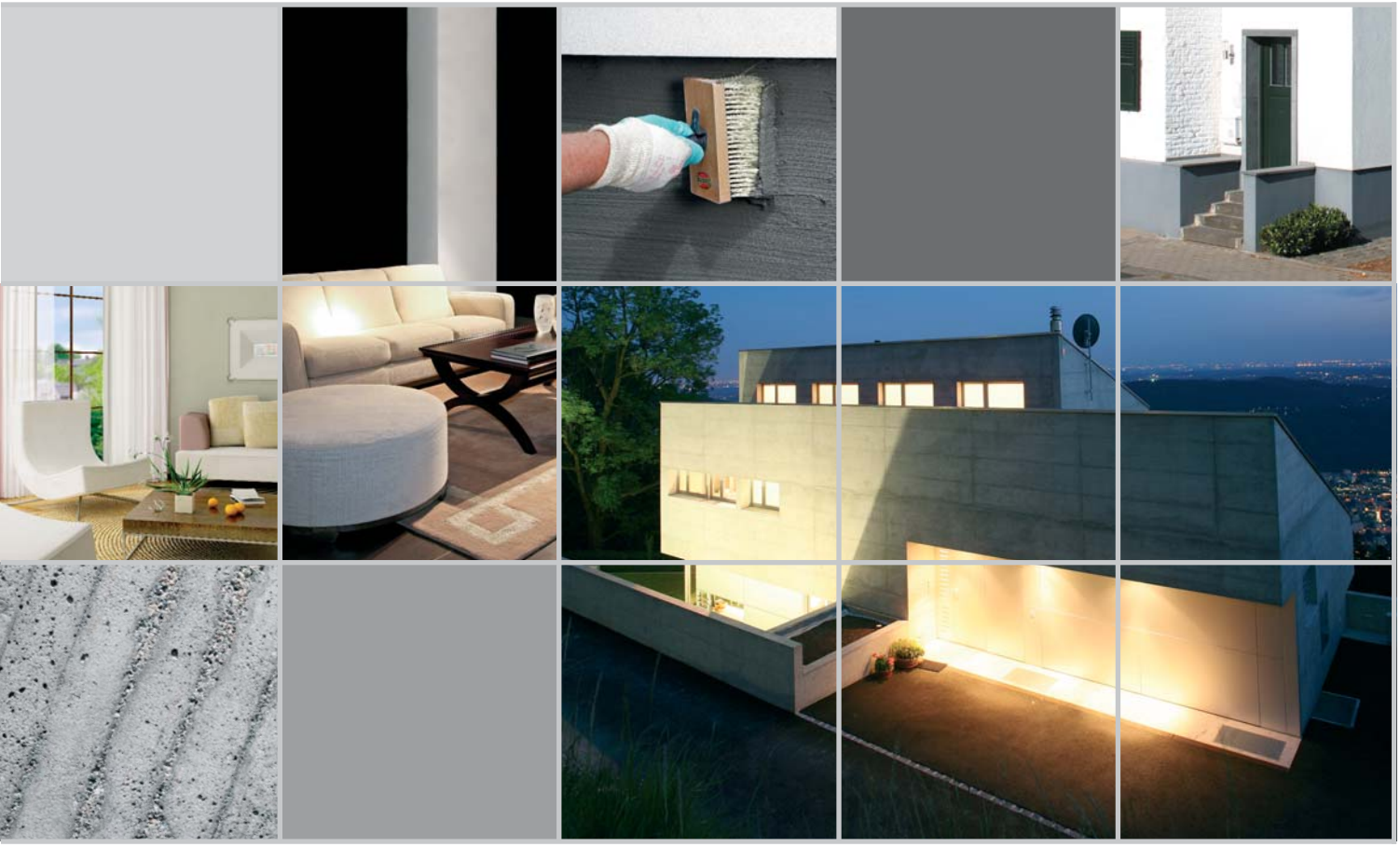
MULTI-TIGHT 2K

The New Generation for Waterproofing Buildings



MULTI-TIGHT 2K

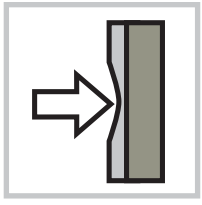
One Product for all Cases – Functional Use for New Construction and Refurbishment

Properties:

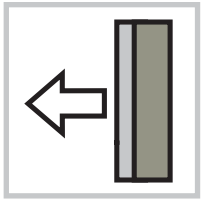
- Quick drying
- Adheres to many substrates
- Highly flexible, and crack-bridging
- Tested in a system up to 2 bar negative pressure water
- High compressive strength
- High tensile strength
- UV-stable
- Resistant to aggressive water according to DIN 4030 up to a degree of strong attack

Advantages:

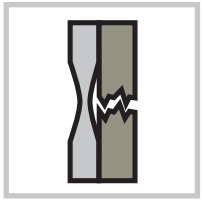
- Greater safety through fewer connections and overlapping areas on building elements and waterproofing
- Can be connected to many details trouble-free
- Simplifies material logistics
- Follow-up work can continue quickly, after 24 hours at the latest
- Fewer trips to the building site, especially when refurbishing
- Minimises the risk of damage during the construction phase



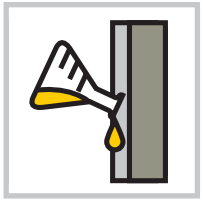
Highly compression resistant



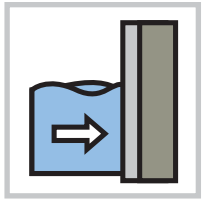
High tensile strength



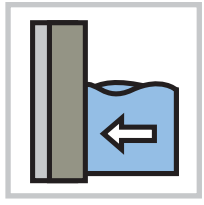
Crack bridging



Resistant to chemicals



Can withstand positive water pressure



Can withstand negative water pressure

Unites the advantages of PMB and MWG:

The new Multi-Tight 2K is based on a hybrid technology: It combines the properties of PMB (polymer modified bitumen waterproofing) with crack-bridging MWG (mineral waterproofing grout) and thus has the advantages and application spectrum of both, meeting waterproofing technology requirements today.
That saves time, money and means added safety!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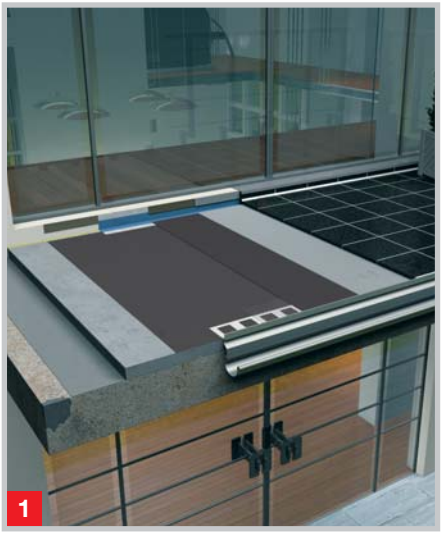
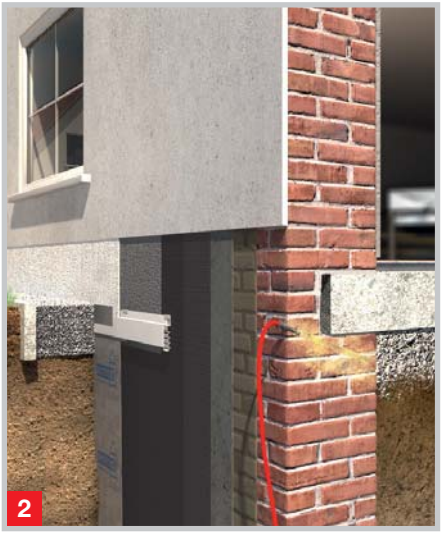


Bonded waterproofing under flooring:

A bonded waterproofing membrane with ceramic covers, from rustic tiles to exclusive natural stone, is a reliable, economical and permanent measure which can be used for new construction as well as for refurbishing balconies and terraces. The uncomplicated construction of a system using Multi-Tight 2K, which can be applied with a brush or a filling knife, saves material and time. A number of solutions for details are possible, especially when connecting areas are produced with Water Stops from the SP and SK series. A strong plastic modified, flexible cement is used to bond the entire surface of the covering to the bonded waterproofing.

All of the products have been tested in a system and are entirely flexible. With this system construction, permanent resistance to extreme climatic, mechanical, chemical and biological loads in outdoor areas is provided.



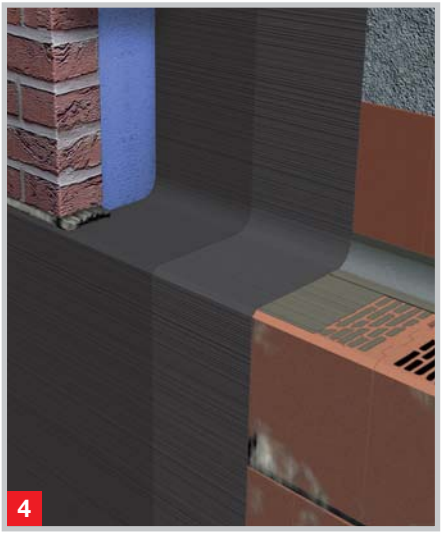
Plinth waterproofing:

Since the plinth area of a building always represents a joint between the facade and the waterproofing in contact with the ground, an integrated solution should be used. Multi-Tight 2K – a universal waterproofing product – can reliably waterproof not only the splash water zone but also the area in contact with the ground. One of its special features is the seamless transition between the areas “above” and “below” the ground.

This makes it possible to reliably and permanently waterproof all plinth details, whether with or without insulation, faced with stone or render, using the Remmers System with just one product.

Waterproofing in contact with the ground:

Waterproofing in areas that are in contact with the ground can be subjected to extreme loads caused by pressure and water. The thickness of the layer in conventional PMB systems clearly decreases under pressure which may be insufficient to prevent damage to the building over the long term and may also lead to layers that do not meet standard minimum dry layer thickness requirements according to DIN 18195. To receive the required National Technical Approval for PMB systems, a minimum pressure loading capacity of 0.3 N/mm² is required. Even without a layer of reinforcement and with a pressure load three times greater, there is only minimal change in the thickness of the layer of Multi-Tight 2K. This provides the greatest level of safety, even at depths > 3 metres in the ground!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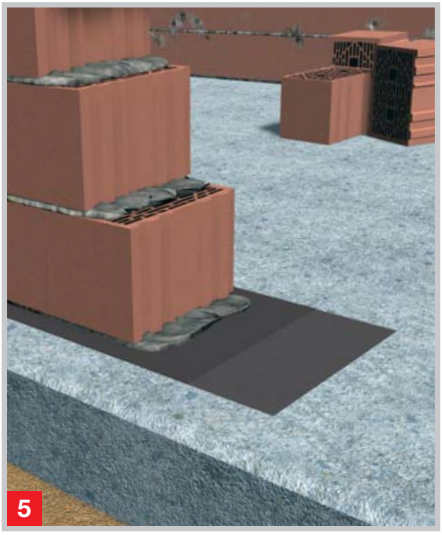
Waterproofing wall base areas:

Polymer modified waterproofing in wall base areas requires a proven and tested system. For this case, Multi-Tight 2K has test certificates to prove its extremely high compressive strength with simultaneous strong crack-bridging properties achieved through the use of hybrid technology. Since the waterproofing in contact with the ground is made of the same material used to waterproof the wall positioning area, this often neglected detail benefits from the advantages of Multi-Tight 2K.

When combined with approved insulation materials and, if applicable, a PVC barrier sheet in a “Z” form, the system solution described here is not only easy to install but also practical and provides safety far beyond the requirements in the standard.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Horizontal waterproofing beneath walls:

DIN 18195 describes how exterior waterproofing is to be connected to the horizontal waterproofing. Multi-Tight 2K even forms a frictionally coupled bond. Along with a homogenous and therefore shear resistant bond for the masonry work (required in DIN 1053), it also reliably prevents the ingress of moisture from the side or from above or below the horizontal waterproofing at the same time.

The setting process commences immediately and accelerated setting saves time and allows work to be carried out “wet-on-wet”. Tested safety right from the start!

Test certificates are available for all applications:

- National Technical Approval as a crack-bridging, mineral waterproofing grout for the production of building waterproofing according to Construction Product List A, part 2, serial no. 19 - MPFA Leipzig
- Examination Report on testing the requirements in accordance with the testing principles for issue of a National Technical Approval for the product group PMB for waterproofing buildings according to Construction Product List A, part 2, serial no. 2.39 – TU Munich
- Examination Report on increased resistance to pressure in accordance with the testing principles for issue of a National Technical Approval for the product group PMB according to Construction Product List A, part 2, serial no. 2.39 – TU Munich
- Test Report on application test with a negative water load – MPFA Leipzig

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