

maxit[®] mörtelpad

one step ahead

Brickwork 3.0



NEW:
For interior and
exterior walls in
any dimension

- ✓ *substantial time savings*
- ✓ *intuitive handling*
- ✓ *maximum quality brickwork*



Easy – quick – reliable: the „**maxit**mörtelpad“

Mörtelpads revolutionize brickwork construction

Building materials for brickwork are in a state of constant change: increasing demands made on the building envelope require constant adjustment of the technical efficiency of these materials. The handling methods used have to adjust to this. The innovative **maxit**mörtelpad now sets new standards in brickwork construction: it consists of dry mortar, a water-soluble hot-melt adhesive and a glass fibre reinforcement to provide additional stability. This revolutionary combination ensures that brickwork can be handled in an easier, more targeted way and with more reliable quality – all in combination with considerable time savings.

More time for what's really important

Preparation and completion work during bricklaying requires a lot of effort. First you have to mix the mortar in the right proportions, keep it at a consistency suitable for handling purposes and make sure that it does not dry up during breaks or after work is completed. This takes time and effort. With the new **maxit**mörtelpad, things are all different: "Just open the packet and add water". The annoying dust development of days gone by is now a thing of the past: the bricklayer briefly moistens the substrate, removes the dry Mörtelpads from the vacuum foil packaging and lays them on the row of bricks. Then he waters the Mörtelpad until the "troughs" on the surface of the pad are filled with water. After about one minute, the next brick can be laid and then hammered down. Mörtelpads save time in logistics too: you order them by the pallet so you always have the right quantity of Mörtelpads at the building site. The result is considerably less waste. Summing up, the Mörtelpad achieves more performance with the same number of man-hours.

The principal advantages at a glance

- ✓ **+30 % job performance**
- ✓ **Saves time spent preparing and finishing off the bricklaying process**
- ✓ **Handling is easy to understand**
- ✓ **Quality brickwork can be manufactured efficiently**
- ✓ **Additional tools are unnecessary (an advantage in terms of application and cost)**
- ✓ **Building sites are cleaner**
- ✓ **tremendous weight saving**



NEW

For exterior and interior





1

Moisten bricks

2

Lay on **maxit**mörtelpads

Understandable with no ifs or buts

Innovative, time-saving methods often require intensive instruction and the necessary experience. This is not the case with the "**maxit**mörtelpad", however: it can be handled easily and intuitively, and its use offers many advantages.

For example, the mortar joint can become uneven when a conventional trowel is used. The mortar sled has helped out here, but it weighs around 25 kg when full. In contrast, the **maxit**mörtelpad has a weight of only about 300 g and guarantees a covering mortar joint which is closed over the entire area in spite of differing formats. The correct quantity of water for moistening the **maxit**mörtelpad is easy to see from trough-like cavities on the surface, and most building sites have sufficient flowing water. The use of mortar silos and mixing machines can thus be dispensed with in future.

3

Cut to size if necessary

4

Water **maxit**mörtelpads

Quality brickwork with optimum values

The simple execution and the huge time savings speak for themselves, but they are only of value when the resulting brickwork meets maximum quality standards. Independent studies carried out by the Aachen construction research institute ibac

prove that the **maxit**mörtelpad achieves the same excellent results as the conventional method, in which covering thin-bed mortar is used. In terms of stability and bonding, therefore, **maxit**mörtelpads are comparable with a thin-bed mortar of class M10. This knowledge was gained under laboratory conditions and on test building sites. The **maxit**mörtelpad is a mineral product made from natural raw materials.

walls in any dimension



5

Position brick with full surface

6

Align brick in usual way

Brickwork 3.0 – the long march to the **maxitmörtelpad**

The evolution of brickwork handling takes another step forward with the **maxitmörtelpad**. There had already been dramatic changes over the years, from purely manual work to trowels and finally mortar sleds. With the **maxitmörtelpad**, maxit is now putting a handling method on the market which combines the strengths of the old techniques with effective innovations. Or to put it more simply: high-quality brickwork – handled quickly, intuitively and reliably.

Technical data

Material consumption	Depends on brick format and pad size
Handling temperature	Do not handle at air and/or object temperatures of less than 5 °C and more than 30 °C and if night frost is expected
Fire behaviour	A 1, non-combustible
Outdoor use	Yes
Indoor use	Yes
Adhesive shear strength acc. to DIN 18555	> 0.5 N/mm ²
Thermal conductivity λ_{10dry}	0.208 W/(m*K)
Approval-No.	Z-17.1-1134
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Go to www.moertelpad.de for more information and the handling video



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