



### **Brief product description**

maxit mörtelpads are industrially prefabricated mortar pads for thin joint masonry units.

The dry pads are laid consecutively along the bedding surface of the masonry course and then activated with a controlled supply of water.

The Mörtelpad consists of thin joint mortar with an embedded glass fibre reinforcing mesh. Mörtelpads are sized to suit corresponding masonry thicknesses.

### **Product features**

Creates a full mortar bedding joint with exceptional masonry bonding strength. No mixing process or special mortar application tools required thereby reducing cleaning requirements. Fast, clean and effective application coupled with significant time savings in preparation for wall construction. Associated risks originating from mortar mixing are nullified.

### **Product use**

As defined in the block manufacturer's approvals.

### **Product benefits**

The activities of the mason are reduced to placing and watering the Mörtelpads on each course of masonry.

- highly thermally insulating
- dust-free application
- intuitive and reliable application, laying and watering - done

- time savings in preparation and subsequent treatment
- consistent quality through factory production
- no mortar rollers
- less physically demanding through light and easy application
- no on site mortar mixing
- no cleaning of mortar application tools
- clean masonry, clean construction site

### **Site requirements**

The surface and ambient temperature should be between +5 ° C and +30 ° C. Frozen blocks must not be used.

### **Application**

maxit mörtelpads should be removed from the manufacturers packaging immediately prior to block laying and laid on to the prewetted masonry course. They are placed flush along the masonry course and central to the wall thickness.

The total surface area of the Mörtelpad is sprayed with water until the deeper recesses are filled using a watering device recommended by the manufacturer.

Once the water appears to have been absorbed the masonry unit must be laid within a maximum of three minutes (depending on ambient conditions) on to the Mörtelpad.

The masonry unit is then aligned and embedded into the mortar bed by tapping with a rubber mallet.

### Attention

During the construction phase the masonry must be protected from moisture using with suitable measures. Masonry crowns must be covered after erection.

### Practical information

Use maxit mur 920 to lay the first course of masonry (mortar group M10) or in the cooler season use maxit mur 935 laying mortar with controlled setting.

### Storage

Dry, up to 6 months in airtight factory packaging.

### Packaging

Depending on site conditions on Euro pallets in hermetically sealed factory packaging. The Mörtelpads are delivered with the masonry units or as a direct delivery.

### Environmental Notes

Completely empty packaging and recycle.

### Disposal

Recommendation: Must not be disposed together with household waste. Do not empty into drains. Disposal according to official regulations

### General Information

Request advice when in doubt regarding application or unusual project features.

Mortar has a strong alkaline reaction to water, therefore: Protect skin and eyes, in case of contact rinse thoroughly with water, with eye contact consult a doctor. Refer to the Safety Data Sheet (current Safety Data Sheet under [www.franken-maxit.de](http://www.franken-maxit.de) or [www.maxit-kroelpa.de](http://www.maxit-kroelpa.de)). Once hardened the product is physiologically and ecologically safe.

### Rechtliche Hinweise

The information in this publication is based on our current technical knowledge and experience. Due to many factors which may affect processing and application of our products this publication does not relieve the user of the obligation to apply their own tests and trials and only represents general guidelines

A legally binding assurance of certain properties or fitness for a particular use cannot be derived from this publication. It is the responsibility of the user to observance of any patent rights as well as existing laws and regulations.

The publication of this data sheet renders all earlier versions invalid.

### Technical Specifications

Material consumption	Dependent on block format and Mörtelpad size
Application temperature	Do not use when air and / or substrate temperatures are below +5 ° C and +30 ° C or when overnight frost is expected
Reaction to fire	A1, non-flammable
Suitable for outdoor use	Yes
Suitable for indoor use	Yes
Bond shear strength according to DIN 18555	> 0.5 N / mm <sup>2</sup>
Thermal conductivity	0,208 W/mK