

# MorTec<sup>®</sup> SOFT

**Neutral curing and solvent-free silicone sealant for external & internal tiling**

## DESCRIPTION

MorTec<sup>®</sup> SOFT is a special joint filler with a cement-like appearance for elastic joints in large-format outdoor coverings. Neutral curing, and solvent-free, it is suitable for use with natural stone, ceramics and porcelain. For full application advice, please refer to Part A Technical Design Guide or contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE.

## Product Properties and Benefits

- Solvent-free, neutral curing, fungicide containing silicone sealant.
- Grout-like appearance
- Absorbs movement from thermal changes and reduces tension.
- Can be used for tile joints, movement joints and connection joints.
- Suitable for ceramic, natural stone and porcelain coverings.
- Can be used internally and externally

## PRODUCT INFORMATION

**Composition:** Ready to use, solvent-free silicone sealant.

**Colours:** Grey, Anthracite, Dark Brown.

**Type/Classification:**

**Pack sizes:** 310 ml cartridge

**Set in:** 24 hours (per 3 mm thickness at 23 °C).

**When fully cured:** Wide service temperature range (-20°C to +150°C). Unaffected by weather, UV radiation or water immersion.

**Permissible total deformation:** 20 %

## MIX/USAGE DATA

Application	Cure Time at 23°C **
Caulking Gun	24 hours

\*\* Drying time will be extended in colder temperatures, when applied on to low porosity surfaces.

## COVERAGE

Bead Size	Coverage ^^
5 x 5 mm	4 m/100 ml

^^Coverage may vary dependent on size of bead.

## TEMPERATURE RESISTANCE\*\*\*

-20°C to 150°C
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\*\*\* Cured grout.



## **SURFACE PREPARATION**

### **General**

For general information on construction of movement joints in external tiling, reference should be made to BS 5385: parts 3

Before sealing, ensure that:

- The surfaces are clean, dry, and free from dust, grease and contaminants that affect adhesion.
- Ensure that joints are completely free from adhesive residue and other materials from the laying process such as drainage mortar.
- It may be useful to remove grease from adjacent Gutjahr system profiles.
- To prevent the build-up of residue on adjacent tiles/slabs and rough edges, covering the surface with a suitable adhesive tape such as masking tape.

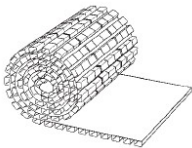

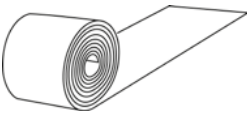
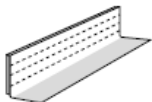

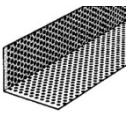
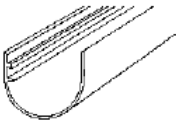
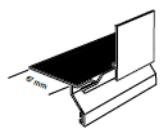









## **APPLICATION**

### **Sealant procedure**

**Recommended maximum joint width : 5 mm, 3 mm when using AquaDrain® T+ Thin Drainage Assembly. For Movement joints or most applications, use in 5 x 5 mm cross section.**

1. Cut off tip of cartridge, ensuring there is enough screw thread to attach the nozzle.
2. The cartridge nozzle should be cut to the required width and angle.
3. Place cartridge in caulking gun and apply steady bead of MorTec® Soft to required area.
4. The surface of the sealant should be tooled to a slightly concave finish before surface skin forms (approx. 5 mins at 25 degrees Celsius)
5. Smooth silicone with wet silicone tool/spatula or similar (NOTE: dilute soap or detergent solution may be used as tooling lubricants, but excessive use should be avoided as this may affect adhesion at the joint edges and cause staining on moisture sensitive stone).
6. Tools should be cleaned immediately after use with a degreasing solvent.
7. Masking tape must be removed immediately after tooling, before a skin forms on the surface of the sealant, to achieve a neat edge.
8. Allow to cure (approx. 24 hours per 3 mm thickness).

## OPTIONAL SYSTEM COMPONENTS

<p><b>AquaDrain® EK or T+ drainage mat</b></p> 	<p><b>DiProTec® AB-KV sealing tape</b></p> 	<p><b>AquaDrain® SK joint tape</b></p> 	<p><b>AquaDrain® Edge insulation tape</b></p> 
<p><b>AquaDrain® TM or FLEX drain grate</b></p> 	<p><b>AquaDrain® Lochwinkel screed angle</b></p> 	<p><b>ProRin® BR guttering</b></p> 	<p><b>ProFin® DP edge profile and BL facing plate</b></p> 
<p><b>ProFin® V22/55 drip/drain edge profile</b></p> 	<p><b>BAL Tank-it</b></p> 	<p><b>MorTec® DRAIN</b></p> 	<p><b>BAL Quickset Cement</b></p> 
<p><b>BAL Rapidset Flexible Fibre</b></p> 	<p><b>BAL Stone and Tile PTB</b></p> 	<p><b>BAL Micromax2 Grout</b></p> 	<p><b>BAL Micromax Sealant</b></p> 
<p><b>MorTec® SOFT silicone sealant</b></p> 			

**N.B** Please consult BAL Technical Advisory and Specification Service (TAS) or a member of the BAL specification support team for a full and comprehensive product specification to meet your project requirements.

## **HEALTH & SAFETY INFORMATION / GOOD PRACTICE**

### **ADVICE**

For detailed information and safety guidance, please refer to Product Material Safety Data Sheet [MSDS].

### **TECHNICAL ADVISORY SERVICE**

For free expert guidance on use of this product, or any aspect of tiling, contact the BAL TECHNICAL ADVISORY AND SPECIFICATION SERVICE on Tel: 01782 591120 or 0845 600 1 222 or Fax: 01782 591121.

### **SHELF LIFE**

12 months under normal dry conditions. Protect from frost and damp.

### **6 YEAR GUARANTEE**

Since 1990, GUTJAHR has been the only manufacturer to offer extended warranties for its drainage systems, e.g. 6 years for balconies, patios and outdoor steps with AquaDrain® drainage.

*Contact BAL Marketing Department for full details.*

### **CONDITIONS OF SALE**

Sold subject to the Company's Conditions of Sale. *Available on request.*

*For sales and technical queries, contact:*

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NOTE: BAL reserves the right to update instructions, technical data and other information at any time without notice.