

# Sika® Monotop®-110 SL

## Self-Levelling Mortar Screed

**Description** □ Sika MonoTop-110 SL is a self-levelling cementitious polymer modified one-component □  
□ ready-mix mortar screed.

**Uses** □ -Self-levelling toppings as a substrate for synthetic floor coatings, carpets or wooden □  
□ parquet,  
□ -Levelling or patching concrete surfaces in industrial floors, garages, workshops, □ □  
□ warehouse and houses.

**Advantages** □ - It supplies a smooth surface on the surface of concrete when properly applied with □  
□ it's self levelling property,  
□ -Easy to apply with it's good flowability,  
□ -Supplies a self-levelling toppings as a substrate for carpet, wooden parquet,  
□ epoxy coat, ceramic, marble, PVC coats etc.,  
□ -Excellent early and final mechanical strengths,  
□ -Economical in use,  
□ -High impermeability for water and oil,  
□ -Excellent abrasion resistance,  
□ -High surface hardness,  
□ -Suitable to use in the floor-heating system,  
□ -Non-toxic.

### Application

**Substrate preparation** □ The substrate must be structurally sound and free from all traces of loose material, □ □  
□ laitance, oil and grease. Any unsound material must first be removed. If it will be □ □  
□ applied on to the new concrete surface, the concrete should have enough strengths □ □  
□ and completed it's settlement.  
□ For rough and absorbent surfaces, substrate should be primed with a bonding coat □ of □  
□ Sika Latex: water 1:1-2 mixed with fresh cement or with Sika Astar by brushing □ □  
□ application.

**Mixing** □ Water is added to the pre-mixed powder to suit the consistency required, usually  
□ 4,50 to 4,75 liters per 25 kg bag.  
□ Pour the mixing water in to the enough volume container. Mix mechanically with a □ □  
□ slow speed drill (max. 600 RPM), by adding powder in to the container. Continue the □  
□ mixing (approx. 3 min.) until a smooth even consistency is achieved.

**Application** □ The flowable prepared mortar is applied on to the prepared substrate by pouring. □ □  
□ A suitable rubber or metal trowel can be used to spread specially for porous surfaces.  
□ Layer thickness (for each application);  
□ min. 5 mm. max. 15 mm.  
□ Levelling for higher thickness should be made in layers.

**Consumption** □ ~ (1,6 - 1,8) kg/m<sup>2</sup> per one mm layer thickness.

**Warning** □ New applied screed mortar should be kept by curing against premature water loss □ □  
□ if it'll be exposed to weather conditions. Enough care should be shown about curing □  
□ operation.

Construction



**Technical Data**

<b>Form/Colour</b> □ □ □	Cement-grey, red Note: Concrete substrate characteristics such as water content and cement quality □ may induce slight colour variations.
<b>Unit weight</b> □ <b>of fresh mortar</b>	Approx. 2,00-2,15 kg/lt
<b>Storage</b> □	Store in dry conditions.
<b>Shelf life</b> □	6 months from date of production if stored properly in original unopened packing.
<b>Packaging</b> □	25 kg bags

**Technical data sheet and label instructions have the priority.**

The explanations given in the data sheet are correct and reliable as far as we know and they are in connection with our documentation. In case of applications beyond our control, our warranty is only valid in respect of the quality of the sold product. Our company reserves the right to make changes to the product formulations under the light of our new R&D studies. This technical data sheet is valid until a new one is printed and supersedes all of the former editions.

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