

PRODUCT DATA SHEET

Sika MaxMix® Concentrated Mortar Tone

Concentrated colourants for cement

PRODUCT DESCRIPTION

Sika MaxMix® Concentrated Mortar Tones are one shot cement colourants that can be accurately measured and quickly dispersed through the mix to give a uniform shade for each batch. Being much stronger than traditional colourants, a variety of colour depths can be achieved by varying the dosage rates.

USES

- Mortars, renders and screeds.
- Pointing mortars.
- Colouring cement based tile grouts.

CHARACTERISTICS / ADVANTAGES

- Simple dosage system ensures accurate and repeatable dosing in every mix.
- Contains a plasticiser which improves workability/trowelability.
- Chloride free (chloride ion content < 0.1 %).
- Reduces bleeding/segregation.
- Inhibits efflorescence.
- Quickly disperses evenly throughout the mix.
- Easy-to-use without the mess of powder.
- Less weight and space required for transportation and less waste.
- Powerful formula 1 L will colour up to 400 kg of mortar.

PRODUCT INFORMATION

Packaging	1 L dosing bottles.
Colour	Black, Brown, Red and Yellow
Shelf Life	24 months from date of manufacture if stored according to manufacturers instructions.
Storage Conditions	Store in cool dry conditions away from direct sunlight between +5 °C and +25 °C (Do not store above +30 °C). Product will crystallise if frozen, but this is reversible.
Density	1.1 - 1.35 g/cm ³
pH-Value	6 - 9
Solid Content	37 - 42 %
Recommended Dosage	25 mL per 10 kg of mortar

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- NEVER add this product directly into the mix. Always let down into a portion of the gauging water. This admix contains a plasticiser hence the total amount of water required will be reduced.
- Do not use in structural concrete.
- Do not use in lime-based mixes.
- Do not use more than 1 L of Sika® MaxMix® Concentrated Mortar Tone per 1 L of gauging water. This will reduce the strength of the mix.
- Always use the same batches of cement and sand - this will avoid any colour differences showing through in large areas e.g. external renders.

It is the user's responsibility to determine suitability for use. If in doubt contact Technical Services Department for further advice.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

- Squeeze bottle to fill measuring cap to desired dosage (25 mL per 10 kg of mortar).
- Add Sika MaxMix® Concentrated Mortar Tone to some of the clean gauging water. **Always mix with some of the water first. Never add this product straight into the mix.**
- Mix thoroughly until colour is evenly dispersed.

This admix contains a plasticiser hence total amount of water required will be reduced.

The colour of the sand and cement will affect the colour achieved.

Colour Options

- Always use a full measure to avoid batch variations and to ensure colour consistency.
- For darker shades, increase the dosage.
- For lighter shades, decrease the dosage.
- To obtain best results when producing light colours, use white sand and cement in the mix.
- A small test mix is recommended to confirm final colour.

CLEANING OF TOOLS

Clean all equipment with water after use.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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