

# PRODUCT DATA SHEET

## Sika® Stabilizer-560

### FLOWABLE FILL ADMIXTURE

#### DESCRIPTION

Sika® Stabilizer-560 is a dry powdered surfactant packaged in a patented, ready-to-use, water soluble bag. Sika® Stabilizer-560 produces controlled low strength material (CLSM), also referred to as flowable fill. Sika® Stabilizer-560 is environmentally safe and compatible with all conventional CLSM materials.

#### USES

Sika® Stabilizer-560 is recommended for use whenever the material for structural fill or backfill is requested. Sika® Stabilizer-560 is ideal for use in tight or restricted areas where placing and compacting soil or granular fill is difficult or even impossible. Typical CLSM applications are filling voids under existing pavements, buildings or other structures, backfilling narrow trenches, and filling of abandoned underground structures such as culverts, pipes, tunnels, storage tanks, wells, sewers, etc.

#### CHARACTERISTICS / ADVANTAGES

- Water-soluble bag readily breaks down even in very fluid mixes.
- Eliminates exposure of operators to chemicals.
- Easy handling and storage (dry powder).
- No problems with leakage, heat damage, or freezing.
- Produces an extremely fluid material with minimal shrinkage or segregation.
- Eliminates the need for compaction of layered backfill.
- Produces very stable air contents.
- Significantly faster and less labor intensive than compacted soil fill.
- Compatible with all conventional CLSM materials.
- Does not contain no calcium chloride or other corrosive agents.

#### PRODUCT INFORMATION

|                                   |   |
|-----------------------------------|---|
| <b>Packaging</b>                  | 1 kg bag<br>10 bag/pile   |
| <b>Appearance / Colour</b>        | Powder / White  |
| <b>Shelf life</b>                 | 12 months from date of production if stored properly in undamaged unopened, original sealed packaging |
| <b>Storage conditions</b>         | Store in dry condition at temperature between 10 °C and 35 °C   |
| <b>Total Chloride Ion Content</b> | < 0.1 % w/w   |

## APPLICATION INFORMATION

### Recommended Dosage

1-2 kg/m<sup>3</sup> concrete

Dosage rates outside the recommended range may be used when unusual project conditions require special consideration. Exact dosage rate should be determined by trial.

## APPLICATION INSTRUCTIONS

### DISPENSING

Remove the outer bag. Add the inner bag to the central mixer or ready mix truck drum. After all ingredients are added, the drum should be turned at mixing speed for 5-7 minutes. Sika® Stabilizer-560 will increase the material volume 20 % - 35 %. Controlled Low Strength Material (CLSM) can be placed directly from the ready mix truck.

### CLEANING OF TOOLS

Use personal protective equipment (chemical resistant goggles/gloves/clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container.

Dispose of excess product and container in accordance with applicable environmental regulations.

## BASIS OF PRODUCT DATA

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

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## 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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