



# Sika® Mix Improver 105

## concrete Pumping Aid & Finish Improver

### Technical Data Sheet

#### DESCRIPTION

**Sika Mix Improver 105** is a liquid thixotropic pumping aid suitable for all types of concrete.

#### ADVANTAGES

- \* Assists in pumping of lean concrete mixes
- \* Supplied in liquid form for easy dispensing
- \* Reduced segregation and bleeding
- \* Substantially reduced pump pressures allowing faster pumping
- \* Enables the pumping of concrete containing harsh or porous lightweight concrete
- \* Controls workability changes due to aggregate variations
- \* Due to its unique molecular composition **Sika Mix Improver 105** will assist in providing a degree of internal curing to the concrete. **Sika Mix Improver 105** reduces the rate of evaporation of moisture from the capillary structure of concrete, assisting in the complete hydration of the cement in a mix.

#### Technical Data (typical)

<b>Form:</b>	Liquid
<b>Colour:</b>	Clear/Colourless
<b>Specific Gravity:</b>	1.0
<b>Chloride Content % w/w:</b>	Nil (ie less than 0.1% w/w)
<b>Freezing Point °C:</b>	-2°C

All above values are approximate.



## METHOD OF USE

In order to obtain optimum results **Sika Mix Improver 105** should be dispensed with the mix water.

## DOSAGE

0.1–1.5% by weight of cementitious materials

## PACKAGING

Refer to latest price list

## STORAGE AND SHELF LIFE

**Sika Mix Improver 105** should be stored in dry conditions above 0°C in original sealed containers.

The shelf life of **Sika Mix Improver 105** under these conditions is a minimum of 12 months.

Protect from frost.



### Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

### Important Note

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

**Please consult our Technical Sales Department for further information**

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