

PRODUCT DATA SHEET

SikaPump® Start-1

NON CEMENT BASED PUMP LUBRICANT

PRODUCT DESCRIPTION

When mixed with water, the long chained organic molecules of SikaPump® Start-1 produce a “greasy” film which lubricates the walls of the pump, pipes and hoses thus facilitating trouble free pump starting.

USES

SikaPump® Start-1 has the following uses:

- Pump start of standard concrete mixes
- Pump start of shotcrete
- Pump start of mortar mixes

CHARACTERISTICS / ADVANTAGES

SikaPump® Start-1 has the following characteristics and advantages:

- Reduces risk of blockages
- Reduces equipment wear
- No need for cementitious lubricating mix
- Easy to use

PRODUCT INFORMATION

Chemical Base	Long chained organic molecules
Packaging	40 x 200 g plastic bags in a pail.
Appearance / Colour	Powder, white
Shelf Life	24 months from date of production if stored in original, undamaged, unopened and sealed containers.
Storage Conditions	Protected from moisture at temperatures between 5°C and 30°C.
Bulk Density	~ 0.9 kg/L
pH-Value	~ 8.0

Specific Advice

The content of one bag of SikaPump® Start-1 is placed in the hopper of the concrete pump and mixed with approx. 30 litres of water. As soon as this mix assumes a “greasy” condition the pumping process can be started. The initial batch of concrete has to be placed in the hopper slowly to ensure that the SikaPump® Start-1 advance mix enters the conveying pipe before the concrete.

APPLICATION INFORMATION

Recommended Dosage

1 bag SikaPump® Start-1 dissolved in 30 L water - dependent on the diameter of the conveying pipe - is sufficient for the following pump pipe lengths:

- Diam. 65 mm: ~ 50 m
- Diam. 100 mm: ~ 40 m
- Diam. 125 mm: ~ 30 m

LIMITATIONS

Fair faced concrete:

SikaPump® Start-1 should not come into contact with any of the desired fair faced concrete surfaces during the pump start process.

High performance concrete:

For concrete with special performance requirements, the initial "greasy" mix must be disposed of and not placed in the pour.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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