

PRODUCT DATA SHEET

SikaPump® Start-1

DESCRIPTION

The long chained organic molecules of SikaPump® Start-1 in contact with water produce a “greasy” film which lubricates the walls of the pump, pipes and hoses and thus facilitates 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

Composition	Long chained organic molecules
Packaging	40 x 200 g plastic bags in a pail.
Appearance and 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

BASIS OF PRODUCT DATA

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.

IMPORTANT CONSIDERATIONS

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.

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.

LOCAL RESTRICTIONS

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

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S

Hirsemarken 5

3520 Farum

Tlf. +45 48 18 85 85

www.sika.dk



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