

1. Product Description

StenMix® DEFOAMER is a defoaming agent used in the production of concrete admixtures, which reduces the air content of fresh concrete.

2. Uses

StenMix® DEFOAMER is used in the production of all types of concrete admixtures. It is compatible with numerous polycarboxylate, lignosulfonate and naphthalene sulfonate raw materials, particularly with polycarboxylates branded SN Flux®. It is specifically designed for use in the production of superplasticizers from these raw materials. When added to such admixtures, it reduces the air retention capacity of concrete. When used in the correct dosage and in neutral pH mixtures, it provides a stable, non-separating defoaming action. When very low air content concrete is desired, it can be combined with acetylenic defoamers or TIBP.

3. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

4. Storage

The material must be kept in dry indoor storage. Shelf life is 1 year in unopened packaging. Products must be stored at +5 °C to +35 °C in enclosed storage protected from direct sunlight.

Protect the product from freezing. Low temperatures may cause crystallization of the product; in this case, the product can be used after being warmed to +20 °C and homogenized. After prolonged storage, the product must be stirred thoroughly before use.

5. Disclaimer

This document is provided for general information and is based on **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information without prior notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

Defoamer for Concrete Admixtures

Highlights

- Mixture of polyether esters
- Provides rapid air release
- Enables production of concrete with low air content, low permeability and high strength
- Compatible with concrete admixture raw materials
- Can be used in ready-mix and precast applications



6. Technical Data

Property	Method	Result
Chemical Composition		Mixture of polyetheresters and their salts
Active Matter Content		100%
pH (1% aqueous solution)		3.5 ± 1
Viscosity	EN ISO 3219	700 ± 80 cP
Density @20 °C	EN ISO 2811-2	0.99 ± 0.02 g/cm ³
Appearance - Color		Semi-transparent - brown/yellow
Shelf Life		1 year
Packaging		200 kg drums or 1,000 kg IBCs

Stenkim® reserves the right to make changes to the values in this table at any time.

