

1. Product Description

StenSlow PU is produced to slow down the reaction speed (hardening speed) of polyurethane materials manufactured by **Stenkim®**.

2. Uses

It can be used with all two- and three-component polyurethane materials produced by **Stenkim®**. In particular, two-component polyurethane materials can be used without problems at the specified normal ambient temperatures; however, when the temperature exceeds the specified limits, the pot life of the mixture may become insufficient for application. In such cases, it may be necessary to provide the applicator with additional time. **StenSlow PU** is a product designed to provide this extra time and must be used with care only by trained professionals.

3. Application

3.1. Application

In the application of **StenSlow PU**, adjusting the dosage according to the material, conditions, and desired pot life is the most important matter. To determine this dosage, for example, add **StenSlow PU** to 9.1 kg of component A, starting with 3 ml and increasing the amount in 1 ml increments until the required pot life is obtained. To do this, open the container of component A. For every 9.1 kg of component A:

- Take 3 ml of **StenSlow PU** from the container, using the top line marked "3" on the supplied dropper.
- While mixing component A with a powerful low-speed drill, slowly pour **StenSlow PU** over component A and mix for 2-3 minutes.
- Follow the normal procedure when adding component B.
- The pot life and curing time of the components will be extended.

Based on the result obtained, the amount of **StenSlow PU** can be increased or decreased in 1 ml increments to achieve the appropriate curing time and pot life. It is recommended to contact **Stenkim®** for application and dosage guidance, providing details of the conditions.

- When using **StenSlow PU**, a mask, safety glasses, and gloves must be used at all times.

Adequate ventilation must be ensured in enclosed areas.

- Under no circumstances should the pot life specified in the product brochure be exceeded.

In other words, do not add so much **StenSlow PU** that the pot life becomes longer than the one specified in the brochure for the coldest application temperature.

- **StenSlow PU** must be stored in its closed packaging.

Opened containers must be reclosed immediately after removing sufficient material.

3.2. Cleaning

Equipment used can be cleaned at the end of the job with **StenSolver CL**.

Reaction Retarder for Polyurethane Materials

Highlights

- Extends the application time of products at high ambient temperatures
- Makes application easier for the user
- Does not alter the final properties of the products



4. 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.

5. Storage

Packages must not be exposed to direct sunlight. Storage temperature must be between 5 and 30 °C. Under these conditions, the material will retain its properties in unopened packages until the expiration date.

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.

6. 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.

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