

1. Product Description

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

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 becomes necessary to provide the applicator with additional time.

StenSlow PU is a product manufactured to gain this time and must be used carefully and meticulously only by trained professionals.

3. 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, as an example, 3 ml is added to 9.1 kg of component A initially, and **StenSlow PU** is added in 1 ml increments to determine the required amount for the desired pot life. To do this, open the container of component A.

For every 9.1 kg of component A:

- Take 3 ml of **StenSlow PU** (marked with "3" on the dropper provided with the product, top line) from the container.
- While mixing component A with a low-speed powerful drill, slowly pour **StenSlow PU** over component A and stir 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 information specifying conditions for application and dosage.

- 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 enough **StenSlow PU** to provide a pot life longer than the one specified in the brochure for the coldest application temperature.

- **StenSlow PU** must be stored in a sealed package.

Opened containers must be reclosed immediately after removing sufficient material.

4. 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
- Provides ease of application to the user
- Does not alter the final properties of the products



5. Safety

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

6. 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 until the expiration date in unopened packages.

Low temperatures may cause crystallization of the product; in this case, the product can be used after heating and homogenizing at +20 °C. The product must be stirred thoroughly before use after prolonged storage.

7. Disclaimer

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

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