



PRODUCT DATA SHEET

Sikafloor® Extender T

THICKENING AGENT FOR EPOXY RESIN SYSTEMS

PRODUCT DESCRIPTION

Sikafloor® Extender T is an inert, fine, white, fibrous polymer powder used as a thickening agent for Sikafloor® epoxy systems.

WHERE TO USE

- In combination with: Sikafloor®-156^{CA}, Sikafloor®-261^{CA}, Sikagard®-381, Sikafloor® Fastflor® CR, Sikagard®-62^{CA} and other Sika® epoxy systems.
- For applications on horizontal surfaces to create custom orange peel textures.
- For applications on vertical surface to hold the resin in place during cure.
- To create a thin set, fine texture, crack filler and patching gel.

PRODUCT INFORMATION

CSC MasterFormat®

09 67 00 | FLUID-APPLIED FLOORING

Packaging

1 kg (2.2 lb) packaged in a 20 L (5 US gal.) plastic pail.

Note: Sika® measuring cup enclosed in each pail / each cup holds approx 18 g (0.63 oz). Approx. 55 Sika® measuring cups are weighed-out from each 1 kg (2.2 lb) pail.

Shelf Life

3 years in original unopened packaging.

Storage Conditions

Store dry between 10 °C to 25 °C (50 °F to 77 °F). Protect from moisture.

Appearance / Colour

Fine white powder

Volatile organic compound (VOC) content

~ 0 g/L

CHARACTERISTICS / ADVANTAGES

- Allows viscosity adjustment during Sikafloor® product application to suit site conditions.
- Economical, easy to mix and use.
- No effect on pot life or cure rate.
- Low addition rate to change viscosity when compared to other epoxy thickening agents.
- Non carcinogenic.
- Inert, non-reactive filler.

APPROVALS / CERTIFICATES

Meets the requirements of CFIA and USDA for use in food plants.

APPLICATION INFORMATION

Consumption

Addition Rate Guidelines

The precise addition rate of Sikafloor® Extender T for a given installation can only be calculated on site. The suitability of a Sika® resin for a given application is dependant on the interaction of many different factors, some of which are not consistent. Example: slope of substrate - substrate roughness - material, substrate and ambient air temperature - layer thickness - viscosity of the mixed resins - quantity and size of broadcast sand - setting properties of the resin. In practise, the applicator must make a trial mix that achieves the viscosity he requires by feel. He can then make minor adjustments to improve workability in subsequent mixes or as site conditions change.

The following Sikafloor® Extender T addition rate chart by product and application is a guideline only. All recommendations are based on testing completed in a controlled environment of 20 °C (68 °F). In general, colder application temperatures require a lower addition rate and warmer conditions require more to achieve the same workability.

Recommendations are provided based on the number of Sika® measuring cups required. Fill Sika® cup, lightly tap to settle powder, then refill and strike off flush. Using this fill method, the Sika® measuring cup will weigh-out approx. 18 g (0.63 oz) of Sikafloor® Extender T.

Addition Rate Chart

Product Name	Smooth Wall Coating	Orange Peel Texture	Crack Filler Gel
Sikafloor®-156 ^{CA}	8 Sika® cups per 10 L (2.64 US gal.) unit	N/A	N/A
Sikafloor®-261 ^{CA}	3.5 Sika® cups per 10 L (2.64 US gal.) unit	14 Sika® cups per 10 L (2.64 US gal.) unit	30 Sika® cups per 10 L (2.64 US gal.) unit
Sikagard®-381	4 Sika® cups per 10 L (2.64 US gal.) unit	15.5 Sika® cups per 10 L (2.64 US gal.) unit	30 Sika® cups per 10 L (2.64 US gal.) unit
Sikafloor® Fastflor® CR	4 Sika® cups per 11 L (2.9 US gal.) unit	14 Sika® cups per 11 L (2.9 US gal.) unit	30 Sika® cups per 11 L (2.9 US gal.) unit
Sikagard®-62 ^{CA}	N/A	12 Sika® cups per 10 L (2.64 US gal.) unit	25 Sika® cups per 10 L (2.64 US gal.) unit

Lesser amounts yield a more liquid consistency, whereas greater amounts yield thicker pastes.

IMPORTANT: Care must be taken on high addition rates to not dry the mixture to the point where it will not fully wet out the substrate or adhesion characteristics will be compromised. Orange Peel Textures and Crack Filler Gel addition rates must be primed with neat resin. For more information contact your local Sika Technical Sales Representative.

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- Gloss maybe affected at high addition rates.
- Adhesion characteristics may be affected at high addition rates.
- Sikafloor® Extender T maybe visible in some clear resins at high addition rates.
- Protect from contact with moisture, Sikafloor® Extender T must be kept dry.

ENVIRONMENT, HEALTH & SAFETY

APPLICATION INSTRUCTIONS

MIXING

Do not hand mix Sikafloor® Extender T, mechanically mix only.

Mix Sika® resin components A + B following individual mixing instructions published on the Product Data Sheet or label. Add Sikafloor® Extender T (powder) pouring slowly over a period of 15 seconds to avoid lumps in the final mixture. Mechanically blend for two (2) more minutes, during the operations, scrape down the sides and bottom of the container with a flat or straight edge trowel at least once (components A+B+Sikafloor® Extender T) to ensure complete mixing.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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