



PRODUCT DATA SHEET

Sikafloor®-4 Texture

CERAMIC BEAD TEXTURING AND GLOSS REDUCTION ADDITIVE

PRODUCT DESCRIPTION

Sikafloor®-4 Texture is a finely graded, spherical shaped ceramic bead texturing agent that is easily dispersed during the mixing process into Sikafloor®-315 N and Sikafloor®Duochem 942 polyurethane top coats. The addition of ceramic beads produces an easy to clean, fine surface texture with improved scratch resistance.

WHERE TO USE

- To increase dynamic coefficient of friction (DCOF) to provide a greater degree of traction
- To improve surface scratch and mar resistance
- To reduce the reflective gloss level
- To replace quartz texturing aggregates; ceramic beads have higher abrasion resistance than common quartz aggregates

CHARACTERISTICS / ADVANTAGES

- Low specific gravity reduces bottom settling making it easy to mix and apply
- No effect on pot life or cure rate
- Contains no crystalline silica
- Insoluble at room temperature to common solvents and thinners
- High wear resistance to heavy foot traffic and rubber wheeled carts
- Spherical shaped particles produce a fine surface texture that is easy to clean and maintain
- VOC Content: 0 g/L

APPROVALS / CERTIFICATES

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

PRODUCT INFORMATION

CSC MasterFormat®		09 96 00 HIGH-PERFORMANCE COATINGS
Composition / Manufacturing	Particle Shape	Spherical
	Melting Point	> 575 °C (> 1067 °F)
	Moisture Content	~0.1 %
	Compressive Strength	~20 MPa (~2,900 psi)
	Oil Absorption	< 25 g / 100 g
Packaging	585 g (1.28 lb) bottle	
Shelf Life	6 years in original unopened packaging.	
Storage Conditions	Store dry between 10 °C to 25 °C (50 °F to 77 °F). Protect from contact with moisture during storage, Sikafloor®-4 Texture must be kept dry.	

APPLICATION INFORMATION

Consumption

195 g (6.88 oz) per 3.78 L (1 US gal.)

585 g (1.28 lb) per 11.35 L (3 US gal.)

Take care to measure and add a consistent amount of Sikafloor®-4

Texture powder to each mix to ensure a consistent texture is achieved across the entire application surface.

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.

Properties tested at 23 °C (73 °F) and 50 % R.H. unless stated otherwise.

LIMITATIONS

- Sikafloor® products are best installed by skilled and experienced applicators Consult Sika Canada for advice and recommendations
- The consistent application of Sikafloor® polyurethane product to the recommended wet film thickness is necessary to achieve a uniform appearance. Do not apply at thickness above or below those recommended as this will result in a variation in appearance and performance.
- Adhesion characteristics of Sikafloor® polyurethane coatings maybe affected at high addition rates.
- Be aware of air flow and changes in air flow during installation. Introduction of dust and debris particles etc. may result in surface imperfections and other defects.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Do not hand mix Sikafloor® materials / Mechanical mix only.

Mix the selected Sikafloor® polyurethane resin components A + B following individual mixing instructions published on the Product Data Sheet or label. Add Sikafloor®-4 Texture (aggregate) 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 to ensure complete mixing.

Do not allow mixed materials to stand and settle. Failure to keep product agitated during application will result in a variation in gloss levels, appearance and performance.

APPLICATION

Sikafloor®-4 Texture ceramic bead modified Sikafloor® polyurethane coatings may be applied using a high quality, short nap roller (lint-free), a natural bristled brush, non-marking squeegee or flexible steel trowel followed by backrolling.

Always follow the application instructions for the individual Sikafloor® polyurethane resin product as the primary source of application information. To achieve a fine texture, Sikafloor®-4 Texture ceramic bead modified polyurethane products must be applied in a uniform, thin film to achieve a dry film thickness (d.f.t.) of 2- 3 mil. Avoiding ponding or puddling as thick areas will appear as isolated patches of smooth texture.

Note: Sika Canada strongly recommends a test area be applied prior to general application to confirm top coat selection, application rates and procedures required to produce the desired textured finish.

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

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

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