



PRODUCT DATA SHEET

Edition 06.2018/v1
CSC Master Format™ 09 96 00
HIGH-PERFORMANCE COATINGS

Sikafloor® Duochem-6

FINE TEXTURING AND GLOSS REDUCTION ADDITIVE

Description	Sikafloor® Duochem-6 is a polypropylene base texturing and gloss reduction additive that is easily dispersed during the mixing process into selected Sikafloor® and Sikagard® coatings. The inert micronized polymer powder, functions as an aggregate to produce a fine surface texture that decreases gloss and increases the relative coefficient of friction to provide a greater degree of slip resistance.
Where to Use	<ul style="list-style-type: none"> As an additive in Sikafloor® and Sikagard® clear and coloured coatings to increase the relative coefficient of friction to provide a greater degree of slip resistance. To reduce the reflective gloss level of Sikafloor® and Sikagard® clear and coloured coatings. To replace silica aggregate used to create texture, suitable for light duty traffic areas. To produces a fine texture that has a smoother feel under foot traffic than hard sand aggregates.
Advantages	<ul style="list-style-type: none"> 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 regular foot traffic and infrequent lightweight, rubber wheeled carts. Spherical shaped particles produce a fine surface texture that is easy to clean and maintain.

Technical Data

Packaging	488 g (1.07 lb) bottle
Colour	White powder
Yield	90 g (3,17 oz) per 3.78 L (1 US gal.) 488 g (1.07 lb) per 18.9 L (5 US gal.)

Take care to measure and add a consistent amount of Sikafloor® Duochem-6 powder to each mix to ensure a consistent texture is achieved across the entire application surface.

Shelf Life 3 years in original unopened packaging. Store dry between 10 to 25 °C (50 to 77 °F). Protect from moisture.

Properties at 23 °C (73 °F) and 50 % R.H.

Particle Size	200 microns
Melting Point	167 °C (333 °F)
Specific Gravity	0.9
Bulking Value	1.11 L/kg
VOC Content	0 g/L
Chemical Resistance	Consult Sika Canada

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.

HOW TO USE

Mixing	Mix the selected Sikafloor® or Sikagard® resin components A + B following individual mixing instructions published on the Product Data Sheet or label. Add Sikafloor® Duochem-6 (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 to ensure complete mixing.
Application	Sikafloor® Duochem-6 modified Sikafloor® or Sikagard® 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® or Sikagard® resin product as the primary source of application information.

To achieve a fine texture, Sikafloor® Duochem-6 modified products must be applied in a uniform, thin film to achieve a dry film thickness (d.ft.) of 3 - 5 mils. Avoiding ponding or puddling as thick areas will appear as isolated patches of smooth texture.

Note: Sika Canada strongly recommends that where Sikafloor® Duochem-6 is being used as an additive in the top coat for existing resin systems, a test area be applied to confirm top coat selection and application rates required to produce the desired finish.

Limitations

- Do not hand mix Sikafloor® or Sikagard® materials / mechanical mix only.
- Adhesion characteristics maybe affected at high addition rates.
- Protect from contact with moisture, Sikafloor® Duochem-6 must be kept dry.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

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, within their shelflife. 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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