

PRODUCT DATA SHEET

Sika FastFix®-440 Polymeric Asphalt

Water activated polymeric asphalt

PRODUCT DESCRIPTION

High performance, extremely stable cold asphalt. It offers excellent workability at low temperatures, and also excellent adherence in wet conditions. Once activated with water, the polymers found in Sika FastFix®-440 Polymeric Asphalt provides a permanent repair. It's a revolutionary high performing and flexible product aimed at the repair of asphalt and reactive concrete. Sika FastFix®-440 Polymeric Asphalt contains a viscosity modifier having no concentration of volatile organic compound (V.O.C.). Sika FastFix®-440 Polymeric Asphalt may be utilized in all weather conditions (cold, rain, snow) twelve months a year.

WHERE TO USE

Made to be used on highways (asphalt or concrete), bike paths, bridge decks, manholes, potholes, parking lots, tennis courts, alligator cracking and driveways.

CHARACTERISTICS / ADVANTAGES

- Permanent repair
- Automobile traffic to resume immediately after repair
- Easy application
- No concentration of V.O.C.

PRODUCT INFORMATION

Composition / Manufacturing	High density black granite along with a binder containing polymers and vegetable oil.
Packaging	22.7 kg (50 lb) bag 22.7 kg (50 lb) pail
Colour	Black
Shelf Life	12 months in original, unopened bag or pail.
Storage Conditions	Sika FastFix®-440 Polymeric Asphalt must be stored in a dry area with temperature above 16 °C (61 °F). Do not expose the product to rain, condensation or high humidity.
Density	2,650 kg/m ³

Granulometry	Sieve Sizes (mm)	Undersize (Fines) (%)
	8	100
	5	88
	2.5	68
	1.25	52
	0.63	42
	0.315	34
	0.16	19
	0.08	7
	0.04	1

Product Temperature	For best results, condition product at 16 to 29 °C (61 to 84 °F) before using.
Curing Time	After the application of water, Sika FastFix®-440 Polymeric Asphalt begins to harden after 5 minutes and allows automobile traffic to begin immediately. Full cure takes 48 hours depending on the weather conditions (and can then be sealed).

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.

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

NOTES ON INSTALLATION

In cold weather applications, use warm water if available (as water could freeze before activating the polymers).

SUBSTRATE PREPARATION

Remove all loose material from the area to be repaired and put inside the pothole. Clean the surrounding surface to remove any dirt and/or other debris with a hard bristle broom.

It is best to rinse around the pothole with water to thoroughly clean the surface for a better adhesion.

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APPLICATION

Pour the Sika FastFix®-440 Polymeric Asphalt into the pothole and level with a rake or a shovel leaving product 13 mm to 25 mm (½ in to 1 in) higher than the surrounding repair area. Saturate with water and compact with either a hand tamper or a plate compactor.

CLEAN UP

Tools may be cleaned using light oils, mineral oils or vegetable oil.

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