

PRODUCT DATA SHEET

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Sika® Post Fix

EASY-TO-PREPARE, MIX-IN-THE-BAG AND FAST-SETTING POLYURETHANE FOAM FOR SUPPORTING AND BACKFILLING FENCE, MAILBOX, GATE AND SIGNAGE POSTS

Description	Sika® Post Fix is a two-part, pre-proportioned polyurethane resin which when mixed produces an expanding foam. It has been specifically formulated and packaged to provide a lightweight, mix-in-the-bag, fast-setting and high-strength backfill for wooden, PVC and steel in-ground supports. Sika® Post Fix is based upon Sika's proven foam technology and designed for easy, convenient and quick support of many types of post.
Where to Use	▪ Fence and gate posts. ▪ Signage posts. ▪ Mailbox posts.
Advantages	▪ Packaged in lightweight, comfortable to handle pouches. ▪ Easy and fast to prepare; just roll up pouch, open and pour. ▪ Pre-proportioned for quality control and predictable performance. ▪ Sets in 3 minutes (temperature-related); allowing faster placing and support of posts. ▪ High strength and resistant to uptake of water. ▪ Suitable for use with wooden, PVC and steel posts. ▪ Seals and protects base of post. ▪ Compatible with use in cold conditions without need for additives.

Technical Data

Packaging

979 mL (33 US fl. oz) pouches. 10 per carton

Colour

Light Green

Yield

Approx. 20 L (0.7 ft³) of expanded foam per pouch.

Examples:

Post Fix Consumption

	Hole Diameter (in)	Hole Depth (in)	Pouches required
Round Post			
2 in	6	46	1
Square Post			
4 in x 4 in	6*	48	½ to 1
	8	36	1 to 1½
	8	48	1½ to 2
	10	36	2
	10	48	3
6 in x 6 in	8*	48	½ to 1
	10	48	1½ to 2

* Dimension for optimal yield.

Values estimated based on theoretical dimension of hole. Material consumption will vary depending on true dimension of hole. Ensure you have enough material on site before starting to fill a hole.

Shelf Life

1 year in original, unopened packaging. Store dry at 5 - 32 °C (41 - 89 °F). Condition product to 18 - 25 °C (65 - 77 °F) for at least 2 hours before using, for best results. Protect from freezing and do not use damaged or opened bags. If frozen or damaged, discard.

Mix Ratio

1:1 by volume A:B

Mixing Time

20 seconds

Setting Time

Initial set: 3 - 5 minutes / Final set: 2 hours

Service Temperature

-30 to 38 °C (-22 to 100 °F)

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

Site Preparation

Dig or excavate (post drill) the hole to the proper depth (depends on post size, soil conditions and frost depths) and diameter (refer to the Examples in the Technical Data section). Make sure that the post is adequately positioned in the hole. The post should stand straight and level and be either braced or held before mixing the material. If there is standing water in the hole, backfill partially with soil or gravel until water is no longer visible or pump the water out.

Mixing

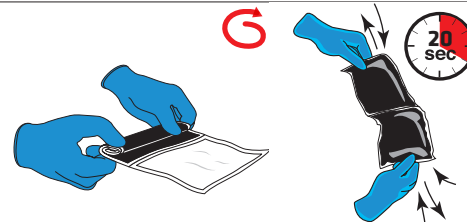
In-bag Mixing:

The arrows indicate the rolling direction. Roll the pouch toward the central burst seal until it ruptures and allow materials to combine.

Mix thoroughly by shaking the bag for **20 seconds** and by forcing material to travel in the bag, from one end to the other.

DO NOT EXCEED MIXING TIME AS BAG MAY RUPTURE.

Note: Have scissors or a knife next to the hole ready to cut a corner of the bag after mixing is completed.



Application

Immediately after mixing, cut one of the bag's corners and pour mixed material into the hole before expansion starts.

Empty the bag into the hole, pouring some of the material onto the post itself. Covering the section of post due to be below grade will help to improve adherence and protection to the base of the post.



If necessary, the position of the post may be adjusted for up to ten (10) seconds after the material has been poured. Do not move the post after this time and support it until the material has firmed up. Expansion will be achieved in approximately three (3) to five (5) minutes, after which time there will be no need to brace or support the post (unless cold or windy conditions prevail, in which case hold the post until it stands firm). Allow approximately two (2) hours for the product to set completely before installing the fence or attaching gates, etc. to the post.

Clean Up

Collect any unreacted product with a soapy wet cloth and dispose in accordance with local regulations. Hardened/cured material can only be removed with a hand tool.

Limitations

- Holes must be formed to appropriate dimensions to support the post and must be free of standing water.
- Material must be pre-conditioned to between 18 and 25 °C (65 and 77 °F) for at least 2 hours before mixing and use.
- If the bag is above the recommended temperature before mixing, the product may expand too quickly.
- Do not exceed the mixing time as the material may expand within the pouch and the bag may rupture.
- Never allow the material to start to expand inside the bag.
- Do not move the post after the 10 seconds following the initial pour.
- Material not intended for setting deck posts.

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

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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