

1. PRODUCT NAME

Fast 2K™ Post Anchor
Fast Setting Expanding Composite

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
6107 Industrial Way, Houston, TX 77011
Phone 1-833-849-3700

3. DESCRIPTION

Fast 2K™ Post Anchor is a patented multipurpose expanding composite designed to fill the peripheral void between a post and the hole for load bearing applications. Fast 2K™ Post Anchor builds on the technology of the award winning and widely successful Fast 2K™ and Pole Setting Expanding Composite Backfill used to set fences and utility poles for more than 20 years. The expanding nature of Fast 2K™ Post Anchor allows the use of up to 90% less weight in comparison to concrete. Fast 2K™ Post Anchor expands immediately after mixing and holds the posts in 3-5 minutes. Additional work can be done on posts in 15-30 minutes after Fast 2K™ Post Anchor hardens.

Fast 2K™ Post Anchor does not require water, sets posts in minutes, and becomes water-resistant, once fully cured, to help protect posts against rotting. Fast 2K™ Post Anchor has been tested and been found to not provide a food source for termites.

Product Features

- Replaces up to 90% its weight in concrete
- Fast 2K™ Post Anchor expands from a thin liquid, allowing for easy installation in off-centre holes
- No water needed
- No post base/saddle required
- Sets posts in minutes
- Has exceptional adhesion to posts allowing for heavy loads to be placed on the post
- Water resistant to protect post from rot or corrosion
- Can be used during winter

Evaluated & Patented

IBC

Fast 2K™ Post Anchor material is used as stabilizing backfill material around embedded posts, as an alternative solution to the concrete described in IBC Section 1807.3.3. Fast 2K™ Post Anchor can also be used as a footing, to transfer downward axial load from the embedded post to the soil.

IRC

For structures regulated under the IRC, Fast 2K™ Post Anchor may be used when an engineered design is performed in accordance with IRC Section R301.1.3.

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U.S. Patent No. 10,364,544.
U.S. Patent No. 10,738,435.
U.S. Patent No. 11,060,257.
Other patents pending



Limitations

A registered professional engineer must carry out the design for applications more than 1 story or greater than 590 sq ft (55 m²); where the structure supports a roof; is attached to another structure; or where constant hydrostatic pressure is expected. Installation requires excavation below the frost line. The required diameter of the hole to transfer the load from the post to the surrounding ground will depend on the expected load carrying capacity of the structure to be supported.

While Fast 2K™ Post Anchor has been found to not provide a food source to termites, local regulations regarding removal of infested soil must be followed. The product should not come in contact with gasoline or other chemicals that have not been evaluated. For a list of acceptable chemical exposures, please consult H.B. Fuller.

Storage, Handling & Disposal

Shelf life is 24 months from date of manufacture.

While Fast 2K™ Post Anchor performs when ambient temperatures range from -5°F to 105°F (-20°C to 40°C), Fast 2K™ Post Anchor should be acclimatized to 65°F to 80°F (18°C to 27°C) for at least 1-2 hours prior to use, to provide optimal mixing and cure rate performance. For safe use and disposal, please refer to the Safety Data Sheet. Disposal should be in accordance with Local, Provincial/State and Federal regulations for environmental protection. For unused or expired material, completely mix the 2 components together and dispose as non-hazardous waste after product has cured.

Clean-Up

Using a soft cloth and mineral spirits, carefully remove any composite smudges from surfaces of the post that are visible (above ground) as well as from tools before composite dries. After the composite dries, it can only be removed by carefully cutting it with a sharp knife. Be careful as this may damage the post surface. Should some of the composite get on your skin, wipe away, then wash the area immediately while product is still wet. Should the product cure on your skin, apply liberal amounts of hand lotion to the area, multiple times a day, and it will peel away after 2-3 days. If the composite gets into your hair or beard, coat the area thoroughly with hair conditioner and leave it for 10 minutes then comb and wash the product out.

4. PACKAGING

Fast 2K™ Post Anchor is available in the following packaging:

Kit Volume	Kit Package	Kits / Case	Fill Volume
33.8 fl oz (1 L)	Retail Kit - Divided Bag	10 kits/case	0.5 cu ft
33.8 fl oz (1 L)	Contractor Kit - Divided Bag	12 kits/case	0.5 cu ft

5. AVAILABILITY

Please contact your local Sales Representative to discuss your specific needs.

6. TECHNICAL SERVICES

Technical and Safety literature

To acquire technical and safety literature, please visit our website at hbfuller.com.

7. TECHNICAL DATA

Physical Properties @ 25°C (77°F)

Property		Typical Value
Color	Part A	Faint yellow
	Part B	Yellow to brown
	Mixed	Brownish
Initial Expansion Time		45 to 75 seconds
Initial Gel Time		3 to 5 minutes
Full Cure (when posts can have additional work done to them)		15 to 30 minutes
Dimensional Stability		± 2% of volume
Freeze-Thaw Resistance		± 2% of volume
Density		65 – 85 kg/m³

Application Properties

Application Temperature	-20°C to 40°C (-5°F to 105°F)
Acclimatization Temperature (at least 1-2 Hours prior to installation)	18°C to 27°C (+65°F to 80°F)

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.

For more information contact:

CUSTOMER SERVICE

H.B. Fuller Construction Products Inc.
6107 Industrial Way, Houston, TX 77011
P: 1-833-849-3700 | hbfuller.com

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