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FAST 2K™ DECK POST ANCHOR

Fast Setting Expanding Composite

PRODUCT DESCRIPTION

Fast 2K™ Deck Post Anchor is a patented expanding composite designed to fill the peripheral void between a post and the hole for load bearing applications. Fast 2K™ Deck 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™ Deck Post Anchor allows the use of up to 90% less weight in Fast 2K™ Deck Post Anchor compared to concrete. Fast 2K™ Deck 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™ Deck Post Anchor hardens. Fast 2K™ Deck 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™ Deck Post Anchor has been tested and been found to not provide a food source for termites.

Fast 2K™ Deck Post Anchor material is used as stabilizing backfill material around embedded posts, as an alternate to the concrete described in IBC Section 1807.3.3. Fast 2K™ Deck Post Anchor can also be used as a footing, to transfer downward axial load from the embedded post to the soil. For structures regulated under the IRC, Fast 2K™ Deck Post Anchor may be used when an engineered design is performed in accordance with IRC Section R301.1.3.



International Code Council
Evaluation Service
ESR-4077
Issued September 2020



Canadian Construction Materials Centre
Evaluation Report 14054-R
Issued 2017-01-20



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



FEATURES

- Replaces up to 90% its weight in concrete
- Fast 2K™ Deck 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

PACKAGING

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

Retail Kit 33.8 fl.oz. (1L) DIVIDED BAGS.
10 kits/case

Each kit fills 0.5 cu ft

Contractor Case of 12 x 33.8 fl.oz. (1L) DIVIDED BAGS
12 kits/case

Each kit fills 0.5 cu ft

Pail Kits are also available.

Please contact your H.B. Fuller sales professional for more information.

STORAGE, HANDLING AND DISPOSAL

Shelf life is 24 months from date of manufacture.

While Fast 2K™ Deck Post Anchor performs when ambient temperatures range from -5°F to 105°F (-20°C to 40°C), Fast 2K™ Deck 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.

TECHNICAL DATA

Physical Properties @ 77°F (25°C)

Colour: Part A	Faint Yellow
Part B	Yellow to Brown
Mixed	Brownish
Initial Expansion time	45 – 75 seconds
Initial Gel time	3 – 6 minutes
Full Cure (when posts can have additional work done on them)	15 – 30 minutes
Dimensional Stability	± 2% of volume
Freeze-Thaw Resistance	± 2% of volume
Density	65 – 85 kg/m ³

NOTE: Typical property values are not intended for use in the preparation of specifications. Please contact H.B. Fuller for recommendations and assistance in specification writing.

CUSTOMER SERVICE

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TECHNICAL DATA SHEET

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LIMITATIONS

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, the design must be carried out by a registered professional engineer.

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 the Fast 2K™ Deck 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.

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