

**FOR PROFESSIONAL USE ONLY****PRODUCT DESCRIPTION**

Fast 2K™ Deck Post Anchor is a patented expanding composite that fills the peripheral void between a post and the hole for load bearing applications. In combination with a post, Fast 2K™ Deck Post Anchor forms a high-strength composite that structurally supports patio decks, porches, verandas, barns, sheds, and other accessory structures. In 3-5 minutes, Fast 2K™ Deck Post Anchor is strong enough to support posts and within 15-30 minutes of pouring, building can begin on the posts.

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  
ESR-4077



Canadian Construction Materials Centre  
Report # 14054-R



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

**INSTALLATION INSTRUCTIONS**

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

- Retail cases of 10 x 33.8 fl.oz. (1 L) divided bags.
- Contractor cases of 12 x 33.8 fl.oz. (1 L) divided bags.
- Pail kits are available by request. Please contact your H.B. Fuller sales professional

**NOTICE:** For load bearing applications, posts must be set at least 6" below the frost line. Post must be at a depth such that at least 25% of the post length is under ground. Hole diameter should be selected to ensure the footing can handle the intended load (use the same diameter hole as would be used with concrete). Ideally, posts should be set in the middle of the hole but can be placed off-centre to accommodate necessary post location for deck construction. Between 3 - 6" of soil should be placed on top of the cured Fast 2K™ Deck Post Anchor to prevent damage in the event of fire.

1. While Fast 2K™ Deck Post Anchor can be installed at ambient temperatures ranging 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 performance. Material applied at lower temperatures is slower to cure and yields a lower volume. Material applied at higher temperature provides a very short working time and a lower strength product.

2. Place the post in the hole, ensuring it is vertically plumb and in the desired position. Once the Fast 2K™ Deck Post Anchor is poured into the hole, the post should only be moved for 10 seconds. Ensure posts can be held for approximately 5 minutes after the installation of Fast 2K™ Deck Post Anchor. Bracing the post may help ensure its position is correct.
3. Ensure that any standing water present in the hole is less than 1" to 2" in depth – when more water is present, water should be removed with a pump, or have aggregate/soil/cement placed in the hole to increase the base of the hole above the water.
4. Fast 2K™ Deck Post Anchor will adhere to itself, allowing for additional material to be poured into holes that are larger than a single kit will fill. In the event too much material is used, Fast 2K™ Deck Post Anchor may be trimmed after hardening for 15 minutes.
5. Fast 2K™ Deck Post Anchor consists of Part A and Part B, and is sold in divided bags or a set of pails. Please follow the applicable instructions below:

When installing posts using **divided bags** of Fast 2K™ Deck Post Anchor

- a. Have a pair of scissors or a knife readily available. Mix immediately beside the area of installation. Have a surface with a hard, round edge (ie: ladder, sawhorse, round metal post, etc.) available for mixing.
- b. DO NOT EXCEED THE STATED MIXING TIME AND DO NOT ALLOW MATERIAL TO START EXPANDING INSIDE THE BAG.
- c. Release the clip from the bag by moderately pulling the bag outwards from the clip.
- d. Rub the bag with moderate force along a hard, round edge by forcing the material inside the bag from one end to the other with each stroke ("shoe shining" technique). Mix for 30 seconds.
- e. Use the tear notch, or an available knife/scissors to open the bag and immediately pour Fast 2K™ Deck Post Anchor into the hole.
- f. Applying Fast 2K™ Deck Post Anchor on the post on all sides will help reduce the amount of water that will contact the post.
- g. Rolling the bag will help completely empty the content into the hole.
- h. After installation of Fast 2K™ Deck Post Anchor has begun, do not lift the post and complete adjustments to placement within the first 10 seconds.

When installing posts using **pails** of Fast 2K™ Deck Post Anchor

- a. Affix the provided mixing blade to a handheld electric drill.
- b. Mix immediately beside the area of installation.
- c. DO NOT EXCEED THE STATED MIXING TIME AND DO NOT ALLOW MATERIAL TO START EXPANDING INSIDE THE PAIL.
- d. Pour the entire contents of Component B into the larger Component A pail.
- e. Insert the mixing blade and mix for 30 seconds.
- f. Immediately pour Fast 2K™ Deck Post Anchor into the hole.
- g. Applying Fast 2K™ Deck Post Anchor on the post on all sides will help reduce the amount of water that will contact the post.
- h. After installation of Fast 2K™ Deck Post Anchor has begun, do not lift the post and complete adjustments to placement within the first 10 seconds.

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**CLEAN UP**

**SURFACES / TOOLS:** Using a soft cloth and mineral spirits, carefully remove any Fast 2K™ smudges from surfaces of the post that are visible (above ground) as well as from tools before Fast 2K™ dries. After Fast 2K™ 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 Fast 2K™ 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 Fast 2K™ gets into your **HAIR OR BEARD**, coat the area thoroughly with conditioner and leave it for 10 minutes then comb and wash the product out.

**STORAGE, HANDLING & DISPOSAL**

Fast 2K™ Deck Post Anchor should be stored in a cool place. Fast 2K™ Deck Post Anchor is freeze-thaw stable, so exposure to freezing conditions is acceptable. Prior to use Fast 2K™ Deck Post Anchor should be conditioned to between 65° to 85°F (18°C to 27°C) for at least 1-2 hours prior to use.

For safe use and disposal, please refer to the Safety Data Sheet. Disposal should be in accordance with Local, Provincial and Federal regulations for environmental protection for non-hazardous solid waste. For unused or expired material, completely mix the 2 components together and dispose as non-hazardous waste after product has cured.

ESTIMATED NUMBER OF BAGS NEEDED PER POST *						
FENCE POST	DIAMETER OF HOLE	DEPTH OF HOLE				
		24"	30"	36"	42"	48"
4 x 4	6" diameter hole	1	1	1	-	-
DECK POST	DIAMETER OF HOLE	DEPTH OF HOLE				
		24"	30"	36"	42"	48"
4 x 4	8" diameter hole	-	1	2	2	3
4 x 4	10" diameter hole	-	3	3	4	4
6 x 6	10" diameter hole	2	2	2	3	3
6 x 6	12" diameter hole	3	3	4	5	5



Calculator available  
at [Fast2K.com](http://Fast2K.com)

\* Hole and post design is dictated by the design loads, load bearing strength of the site soil and the local frost depth.