



Technical Data Sheet

For Canada Use

Deck Post Anchor™

Fast Setting Expanding Composite
PATENT PENDING

Product Description

Fast 2K Deck Post Anchor™ is a patent pending polyurethane 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 Foam used to set fences and utility poles for more than 15 years. The expanding nature of Fast 2K Deck Post Anchor™ allows for a single 2.5 lbs (1.1kg) bag to replace approximately 50 - 65 lb (23 – 30kg) bag of concrete. Fast 2K Deck Post Anchor™ expands immediately after mixing and holds the posts in 2 – 5 minutes. Additional work can be done on posts in 15 – 30 minutes after Fast 2K Deck Post Anchor™ finishes expanding. Fast 2K Deck Post Anchor™ does not require water, sets posts in minutes and becomes waterproof, once fully cured, to help protect posts against rotting. Fast 2K Deck Post Anchor™ has been tested and been found to be termite resistant.

Fast 2K Deck Post Anchor™ has been third party tested and was found to perform as well as concrete for load bearing applications. Fast 2K Deck Post Anchor™ has found to meet the National Building Code (NBC) of Canada 2015.



Evaluation Report CCMC 14054-R.
Issued 2017-01-20

Features and Benefits

- One bag of Fast 2K Deck Post Anchor™ replaces approximately 50 - 65 lb (23 – 30kg) of concrete
- Fast 2K Deck Post Anchor™ expands from a thin liquid, allowing for more narrow 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 proof and termite resistant
- Can be used during winter

Packaging

Fast 2K Deck Post Anchor™ is packaged in 2.5 lb (1.1kg) bags.

Two bags of Fast 2K Deck Post Anchor™ can be used to set a 4" x 4" post in a 8" diameter, 3' deep hole or a 6" x 6" post in a 10" diameter, 3' deep hole. The material will rise to within 4" of the top of the hole, which can then be topped up with dirt for landscaping purposes.

Storage, Handling & Disposal

Shelf life is 24 months from the date of manufacture.

Always keep the Fast 2K Deck Post Anchor™ kits in at 72°F - 77°F (22°C - 25°C) before the installation. When multiple bags are used, the heat generated by the first bag may accelerate the expansion of subsequent bags. 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 unused or expired material, completely mix the 2 components together and dispose as non-hazardous waste after product has cured. For more detailed installation instructions, consult the Fast 2K Deck Post Anchor™ Instruction Sheet or contact a Royal Adhesives & Sealants Canada Ltd. Representative.

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 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.

MATERIAL PROPERTIES (77°F/ 25°C)	
Property	Value
Colour: Part A Part B Mixed	Faint yellow Yellow to brown 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
Compressive Strength	85 psi (590 Kpa)
Dimensional Stability	± 2% of volume
Freeze-Thaw Resistance	± 2% of volume
Density	≥ 85 g/cm ³

NOTE: Typical property values are not intended for use in the preparation of specifications. Please contact Royal Adhesives & Sealants Canada Ltd. for recommendations and assistance in specification writing.

Limitations

For applications more than 1 storey 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 be resistant 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 Royal Adhesives & Sealants Canada Ltd.

CUSTOMER SERVICE

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LIMITED WARRANTY: Royal Adhesives & Sealants Canada warrants the performance of this product, provided it is properly stored and applied. If not satisfied, submit claim in writing to Royal Adhesives & Sealants Canada's address below, and Royal Adhesives & Sealants Canada will, at its option, replace or refund the purchase price of this product if proved defective. User shall determine the suitability of this product for the intended use and assume all risks and liability in connection within. THIS IS THE SOLE AND EXCLUSIVE REMEDY AND SOLE AND EXCLUSIVE LIABILITY OF ROYAL ADHESIVES & SEALANTS CANADA FOR DEFECTS IN OR FAILURE OF THIS PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.