

UltraFix™ PLUS

Chemical Anchors

Product Identifier UFP300

Product description

UltraFix™ PLUS is a multi-purpose, polyester adhesive for anchoring threaded studs and starter bars in solid and hollow substrates.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (b, d, e, g, h, j, p, q), B1.3.4

B2 Durability — B2.3.1 (a)

F2 Hazardous building materials - F2.3.1

Contributions to compliance

For B1 Structure and B2 Durability refer to the Ultrafix™ PLUS European Technical Assessment ETA-13-0681 listed in supporting documentation

For F2 Hazardous building materials refer to the Ultrafix™ PLUS SDS (Safety Data Sheet) listed in supporting documentation

Scope of use

UltraFix™ PLUS is a multi-purpose, polyester adhesive for anchoring threaded studs and starter bars in solid and hollow substrates. UltraFix™ PLUS is formulated using high performance, marine grade resin, which allows full load capacity in flooded holes to be attained as assessed to ETAG 001-5 Option 7. UltraFix™ PLUS is styrene free and VOC compliant.

Fast cure and fast dispensing for high productivity. Fits standard silicone caulking gun. Great for small jobs or around the home such as steel fencing, gates, brackets, hinges, guard rails and hand rails.

Features and benefits:

- Multi-purpose
- Solid and hollow substrates
- Fast cure – 50 minutes at 20°C for improved productivity
- Fast and easy dispensing
- Cold weather dispensing
- Improved productivity
- Styrene free & low VOC
- Low odour
- 50 Year Working Life
- Dry, wet and flooded holes - no weather delays
- Vibration resistant
- Security slump resistant
- Non-drip formula - resists running and dripping & ideal for overhead installation
- Handy 300 ml pack size
- Fits standard caulking gun

Conditions of use

Application of UltraFix™ PLUS should be performed by a skilled professional, in accordance with the application guidelines. UltraFix™ PLUS must be applied using the supplied Ramset™ ISNP application nozzles.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
UltraFix™ PLUS Catalogue (Design, Installation, Maintenance)		https://cdn.ramset.com.au/wpcontent/uploads/2023/07/ramset_UFP300P_catalogue_Ultra-Fix™-PLUS.pdf
ChemSet™ 101 PLUS, UltraFix™ PLUS ETA (Certification, Design, Installation, Maintenance, Test results)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset_ET_A_Chemset-101-ETA-13-0681.pdf

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Contact details		Warnings and bans
Manufacture location	Overseas	This product line is not subject to any warning or ban under Section 26 of the Building Act 2004
Legal and trading name of manufacturer	ITW Fastener Products GmbH*	
Legal and trading name of importer	Ramset™ New Zealand	
Importer address for service	29 Poland Road, Auckland, 0627, New Zealand	
Importer website	ramset.co.nz	
Importer email	info@ramset.co.nz	
Importer phone number	0800 726 738	
Importer NZBN	9429039833129	
*on the basis that ITW Fastener Products GmbH partakes in the process of manufacture, involving design, quality/safety testing, importing, packaging and supplying the product in New Zealand.		

Appendix - Building code performance clauses

All relevant building code performance clauses listed in this document:

B1 Structure

B1.3.1 Buildings, building elements and sitework shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during construction or alteration and throughout their lives.

B1.3.2 Buildings, building elements and sitework shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during construction or alteration when the building is in use.

B1.3.3 Account shall be taken of all physical conditions likely to affect the stability of buildings, building elements and sitework, including:

- (b) imposed gravity loads arising from use
- (d) earth pressure
- (e) water and other liquids
- (g) snow
- (h) wind
- (j) impact
- (p) equipment, services, non-structural elements and contents
- (q) time dependent effects including creep and shrinkage

B1.3.4

- Due allowances shall be made for:
- a. the consequences of failure,
 - b. the intended use of the building,
 - c. effects of uncertainties resulting from construction activities, or the sequence in which construction activities occur,
 - d. variation in the properties of materials and the characteristics of the site, and
 - e. accuracy limitations inherent in the methods used to predict the stability of buildings

B2 Durability

B2.3.1 Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

- (a) the life of the building, being not less than 50 years, if:
 - i. those building elements (including floors, walls, and fixings) provide structural stability to the building, or
 - ii. those building elements are difficult to access or replace, or
 - iii. failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

F2 Hazardous building materials

F2.3.1 The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

For further information, please contact Ramset™
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