

Poziflo™ Grout HS

Construction Chemicals and Accessories

Product Identifier **RPGHS**

Product description

Poziflo™ Grout HS is a dual expansion, high strength, precision (Type C) cementitious grout which complies with ASTM C1107 M-11. Poziflo™ Grout HS also offers the added features of high early strength and high flow properties.

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 Poziflo™ Grout HS TDS listed in the supporting documentation For F2 Hazardous building materials refer to the Poziflo™ Grout HS SDS (Safety Data Sheet) listed in the supporting documentation

Scope of use

Poziflo™ Grout HS is a dual expansion, high strength, precision (Type C) cementitious grout which complies with ASTM C1107 M-11. P Poziflo™ Grout HS also offers the added features of high early strength and high flow properties.

Features and benefits:

- Dual expansion system compensates for shrinkage in both the plastic and hardened states
- Very high final strength, 83 MPa flowable consistency
- High early strength, 40 MPa @ 24 hours flowable consistency
- High flow properties, fine grade aggregate
- Excellent flow retention – 35-45 seconds at 25 minutes (ASTM C 939 10)
- Pour depths 10mm – 140mm
- High yield, approx. 10.7L/20kg flowable consistency
- Non-metallic iron content eliminates staining

Conditions of use

Poziflo™ Grout HS should only be used by a skilled professional within the parameters and usage guidelines stated in the product brochure.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
Poziflo™ Grout HS Brochure (Design, Installation, Maintenance)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_RPGHS_productbrochure_poziflo-grout-HS.pdf
Poziflo™ Grout HS TDS (Design, Installation, Maintenance)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_RPGHS_TDS_POZIFLO%E2%84%A2-Grout-HS.pdf
Poziflo™ Grout HS SDS		https://cdn.ramset.com.au/wp-content/uploads/2023/10/RamsetNZ_RPGHS_SDS_Poziflo-Grout-HS.pdf

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Contact details

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Warnings and bans

This product line is not subject to any warning or ban under Section 26 of the Building Act 2004

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
- (f) earthquake
- (g) snow
- (h) wind
- (i) fire
- (j) impact
- (j) 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

For further information, please contact Ramset™
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