

Epoxy ChemMortar eA

Construction Chemicals and Accessories

Product Identifier EPCMEA-20L, EPCMEA-8L

Product description

ChemMortar eA is a convenient way to use two-part epoxy resin and silica sand filled repair mortar that is high strength and solvent free. It is a non-slump, pliable putty that is ideally suited for construction and concrete repair work.

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 Epoxy ChemMortar eA TDS listed in supporting documentation

For F2 Hazardous building materials refer to the Epoxy ChemMortar eA SDS (Safety Data Sheet) listed in supporting documentation

Scope of use

ChemMortar eA is a convenient to use two-part epoxy resin and silica sand filled repair mortar that is high strength and solvent free. It is a non-slump, pliable putty that is ideally suited for construction and concrete repair work.

Features and benefits:

- Easy to use 1:1 ratio by weight
- Excellent adhesion to concrete, metal, and most porous surfaces
- 100% solids epoxy - solvent free, no VOC
- No shrinkage once cured
- Sag resistant - high build consistency, vertical and overhead work
- Tolerant to moisture before, during, and after cure
- Good chemical resistance for long-term protection
- High abrasion and vibration resistance
- Patching and forming damaged precast and insitu concrete
- Patching damaged concrete floors, tanks, and pipes
- Patching of concrete floors under heavy load or impact
- Bonding concrete blocks, bricks, paving
- Fabrication of concrete pipe intersections, risers etc
- Underwater repair applications

Conditions of use

Epoxy ChemMortar eA should only be used by a skilled professional in accordance with the parameters stated on the Ramset™ webpage.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
Epoxy ChemMortar eA Brochure (Design, Installation, Maintenance)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_EPCMEA-2L_productbrochure_ChemMortar.pdf
Epoxy ChemMortar eA SDS		https://ramset.com.au/wp-content/uploads/2023/11/ramset_EPCMEA-20L-EPCMEA-8L_SDS_ChemMortar-eA.pdf

Epoxy ChemMortar eA

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Contact details	
Manufacture location	New Zealand
Legal and trading name of manufacturer	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

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

B1.31
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.

B1.32
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.

B1.33
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

B1.34
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

B2.31
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

F2.31
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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