

REPAIR Cement Mortar Flexi Kit

Dry mix cement-based repair mortar kit.

A dry mix blend of graded silica, fast setting cement & polymers, mixed on site with **PLASTERSTRONG Cement Modifier** to produce a ready-mix repair mortar with a high compressive strength.

Intended Uses:

Designed for repairs and multi-purpose patching of cementitious or mineral surfaces in a wide range of applications such as Industrial cement floors, floor underlays, interior & exterior walls, concrete slabs, industrial & sports flooring. The REPAIR Cement Mortar Flexi Kit provides a general, quick & easy to use repair mortar to fill cracks & holes.

The addition of **PLASTERSTRONG Cement Modifier** provides enhanced adhesion to various substrates such as concrete, brick, wood, metal, and others. It also enhances the flexural strength, impact strength as well as provides remarkable abrasion resistance.

Properties:

- High performance multi-purpose patching compound.
- Fast repairs can be top coated in less than 1 hour.
- Enhanced adhesion to various substrates such as concrete, brick, wood & metal.
- Remarkable abrasion resistance.
- The addition of **PLASTERSTRONG Cement Modifier** enhances the following mechanical properties:
 - Less water consumption.
 - Greater flexural strength.
 - Greater tensile strength.
 - Greater impact strength.
 - Greater adhesion.
 - Greater abrasion resistance.

Technical Data:

Composition	Dry blend, polymer modified cement-based repair mortar
Colour & Appearance	Cement grey
Pack Size	■ REPAIR- CEMENT MORTAR POWDER (25 Kg) ■ PLASTERSTRONG Cement Modifier (10 Kg)
Density kg / Lt	2.35 Kg/ Litre
Mixing Ratio	Up to 40% PLASTERSTRONG Cement Modifier
Pot Life @ 25°C	30 minutes (only mix enough material that can be applied within 30 minutes)
Storage	Store out of direct sunlight in dry conditions between 15°C and 25 °C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up	Water

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Surface must be free of any fungal growth or algae, clean with Fungicidal Wash.
- Laitance and loose particles must be removed thoroughly i.e. grinding /high pressure cleaning.
- Cement surfaces should be primed with Deep Penetrating Primer or SIMPLY® Acrylic Sealer prior to application.

Patching, Repairs & Skimming

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Mixing:

- Powder should always be added to liquid.
- Enough powder should be added to ensure a lump free consistency.
- Once mixture is lump free further liquid can be added.
- Once liquid has been added, the mixture should be allowed to stand for 3 minutes to allow sufficient hydration. After 3 minutes mix material again and proceed with application.

Caution:

- Always consult with technical department if unsure.
- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.

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