



**Bondtuf**<sup>TM</sup>  
CONSTRUCTION CHEMICALS



## **BOND TUF RM 100**

Polymer Modified Cementitious Repair Mortar

**BOND TUF CHEMICALS PVT. LTD.**

AN ISO 9001 : 2015 COMPANY

[www.bondtuf.com](http://www.bondtuf.com)

## BONDUF RM 100

Polymer Modified Cementitious Repair Mortar

### DESCRIPTION

It is a general purpose cementitious repair mortar specifically designed for vertical repair work. Compatibility with concrete 35-40 N/mm<sup>2</sup> Compressive strength.

It can be applied in sections up to 70 mm thickness in vertical locations and up to 60mm thickness in overhead location in a single application without the use of form work. Can be applied quickly and efficiently by wet spraying.

### CHARACTERISTICS

Essential Characteristics	Requirements	Harmonised technical Specification
Compressive strength	Class R3: $\geq 25$ MPa	EN 12190:1999
Adhesion strength by pull-off test	$\geq 1.5$ MPa	EN 1542:1999
Thermal compatibility: freeze-thaw Cycling with immersion	$\geq 1.5$ MPa	EN 13687-1
Elastic modulus	$\geq 15$ GPa	EN 13412:2002
Carbonation resistance	Pass	EN 13295:2005
Chloride ion content	$\leq 0.05\%$	EN 1015-17:2000

### ADVANTAGES

- ❖ Compatibility with concrete of compressive strength 35- 40N/mm<sup>2</sup>
- ❖ Frequently obviates the need for formwork
- ❖ Extremely low permeability to water, carbon dioxide and chlorides
- ❖ Exceptional system of shrinkage compensation provides long-term dimensional stability
- ❖ Can be applied quickly and efficiently by wet spraying
- ❖ One component, pre-bagged to overcome site-batched variations
- ❖ Contains no chloride admixtures

### DIRECTIONS FOR USAGE

The block work or concrete shall be properly cured, clean and free from all dirt, oil, grease, old loose peeling paint. The substrate should damp and excess water to be swept off. Minimum curing time is 2-3 days required.

It can be applied in section up 70mm thickness in vertical locations and up to 60mm thickness in over heating location in a single application without the use of form work. Can be applied quickly and efficiently by wet spraying.

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### AREAS OF APPLICATION

Repair work of rupture and defects in wall and ceilings flooring made Concrete and precast concrete.

### SUPPLY

Bondtuf RM 100 Comes in 40 kg bags.

### SHELF LIFE

Bondtuf RM 100 has a shelf life of 12 months

### PRECAUTIONS

Health & Safety Bondtuf RM 100 is non-toxic, non-inflammable, any splashes should be washed well with water. If contact with eyes occur it shall be washed immediately with water and medical advice sought immediately.

### TECHNICAL SUPPORT

Bondtuf provides a technical advisory service for on-site assistance and advice on admixture selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

### IMPORTANT NOTE

Bondtuf products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BONDUF continuously strive to ensure the products, recommendations, specification & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trails to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

### BONDUF PRODUCT RANGE

WATERPROOFING COMPOUNDS | REPAIRS & REHABILITATION AGENTS | ADMIXTURES & CONCRETE TREATMENT  
FOUNDATION GROUTS & FLOOR HARDENER | EPOXY COATINGS & SCREEDS | TILE & STONE FIXING ADHESIVES