

BC Repair 101

Fast Setting, one component, cementitious vertical and overhead repair mortar with superior high build properties.

Product Description:-

BC Repair 101 is a fast setting, one component, ready- to-use repair mortar for vertical and overhead applications using specialty cement blends.

Uses:

Fast repairs to overhead and vertical concrete and mortar surfaces on grade, above and below grade.

As a repair material for building facades, parking structures, industrial plants, bridges, etc.

As a fast setting repair material for new construction defects.

CHARACTERISTICS / ADVANTAGES:

Fast finishing time

Time/labor-saving material; application up to 3" (76.2 mm) on vertical surfaces in one layer
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Easy to use; just add water

High bond strength ensures excellent adhesion

High early and ultimate strength

Increased freeze/thaw durability and resistance to deicing salts
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Suitable for exterior and interior applications.
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Overhead thickness up to 2" (50 mm)

Fiber reinforced and polymer modified

STRENGTH CHART:

Compressive Strength 73 °F (23 °C) (ASTM C-109)	
3 hours	> 1,500 psi 400 psi(10.3 MPa) (2.8 MPa)
1 day	> 3,000 psi 1,800 psi (20.7 MPa) (12.4 MPa)
7 days	> 4,500 psi 2,400 psi (31.0 MPa) (16.6 MPa)
28 days	5,500 psi 4,500 psi (37.9 MPa) (31.0 MPa)

Building Chemistry Industry

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Packaging:

BC Repair 101 is a polymer modified, cement blends. Packed in 20 Kgs bags

Appearance / Color Gray powder

Shelf Life 12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.

Storage Conditions Store dry at 40–95 °F (4–35 °C)

Final set time < 35 min (ASTM C-266)
Application Time ~ 15 minutes
Finishing time 20–30 minutes

MIXING:

Wet down all tools and mixer to be used.
Mix mechanically with a low-speed drill (400–600 rpm)
Surface must be clean, sound and free of frost.
Remove all deteriorated concrete, dirt, oil, grease, and other bond-inhibiting materials from the area to be repaired.

APPLICATION:

The mixed BC Repair 101 must be worked well into the prepared substrate, filling all pores and voids.

CLEANING OF TOOLS

Uncured product may be cleaned from tools and surfaces with water.

Cured product must be removed mechanically.

LIMITATIONS:

Do not use solvent based curing compounds

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

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