

AboCrete

EPOXY PATCHING AND RESURFACING CEMENT/GROUT For industrial, marine, institutional and residential uses

The Ultimate Restoration and Resurfacing Material Structurally and Chemically Superior to Concrete. **Welds permanently to concrete, metal, wood and most surfaces**, whereas concrete, even if improved with additives, cannot bond permanently to concrete and other surfaces.

AboCrete provides **structural** and decorative **patching, resurfacing and restoration**. It fills cracks and replaces missing sections of concrete, marble, granite, and other stones. It bonds broken sections together, anchors posts and railings.

AboCrete:

- Contains **no solvents** or volatiles.
- Unaffected by **salt water, oils and other chemicals** that corrode concrete.
- Ideal for **heavy traffic** floors, stairs, loading and parking areas, warehouses, plants, ship docks, worn or cracked surfaces.
- Holds **better than bolts** to install equipment, machinery, precasts, posts, columns, structural and decorative components.
- Can be applied **in any thickness** from a few mils to more than 1 foot thick.
- **Shrink-free.**
- Makes **anti-slip** floors and decks.
- Much **stronger and more chemical resistant** than concrete.
- Useable without sand **for priming and coating, or extended up to 10 times** with graded sand and gravel or stone.
- **Can be colored** with pigments or concrete powder.
- **Hardens quickly.**

AboCrete hardens in approximately 1 to 6 hours depending on the temperature, thickness, amount of aggregate and other variables. It can be applied with simple hand tools or by brush, paint roller or squeegee.

Coverage:

One gallon of **AboCrete**, with or without sand or aggregate, **covers 231 cubic inches or exactly the volume of 1 gallon, the maximum coverage any material can offer**. For example, 1 gallon covers 320 sq. ft., 5 mils thick.

For cold, even sub-freezing weather, and/or even under water, AboCrete A can be blended **with AboCure 7912-1** in a ratio of 2 parts by volume **AboCrete A** with 1 part by volume **AboCrete 7912-1** for patching and resurfacing.

Typical Comparative Reference Data:

	Concrete			AboCrete Resin		
	psi	Mpa	Kg/cm ²	psi	Mpa	Kg/cm ²
Tensile strength	300	207	2,109	9,000	6,206	63,270
Flexural strength	500	345	3,515	10,500	7,240	73,815
Compressive strength	3,500	2,413	24,805	12,000	8,274	84,660

AboCrete is sold in bulk, from truckloads to single drums, or in smaller packages. The most common package to start with, or to store in maintenance stocks, is the 5-gallon kit.

5-GALLON KIT

The 5-gallon (18.9 liters) kit consists of 1-gallon (3.79 liters) can liquid epoxy resin (**AboCrete A**), 1-quart (0.946 liters) can liquid hardener (**AboCrete B**), and enough **SAND** to blend about 4.5 gallons (17 liters) of **AboCrete mix**, all packaged separately inside the same pail.

Unlike concrete, modified concrete and other mixes, it PERMANENTLY repairs, bonds, rebuilds and resurfaces:

Floors, Stairs, Decks, Warehouses, Columns, Structures, Runways, Driveways, Docks, Dams, Walls, Sculptures, Concrete, Masonry, Wood, Metal, Glass, Most Rigid Materials

SUGGESTED USES

Repair, patching or resurfacing of floors, stairs, parking areas, service stations, manufacturing areas, columns, sidewalks, driveways, pitted and spalled concrete, terrazzos, windowsills, railings, structural and decorative components.

Installation and anchoring of machinery, equipment, frames, sculptures, structures and accessories by simple troweling or pouring in the same manner as a concrete mix, but with the adhesion, permanence, strength and chemical resistance no concrete can provide.

The above information is the result of accurate laboratory and field tests. However, no guarantee, expressed or implied, is offered, as uses and applications are beyond our control. The user is urged to pre-test the above materials in his own environment and application, and to be aware that typographic errors cannot always be detected in time. Specifications may be subject to state-of-the-art changes.



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