



Epoxy &
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Manufacturing and
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TECHNICAL BULLETIN

Rapid Armour® Temporary Protective Coating

Description

Rapid Armour® is a 100% Solids, ZERO VOC, two component, rapid cure, spray applied temporary protective coating. Rapid Armour® is intended for use as a protective film on non-porous surfaces.

The unique properties of this product allow it to overcome many of the problems associated with other Temporary Protective Coatings. Rapid Armour® is dry to the touch and may be handled within minutes under normal conditions with no additional heat or special curing requirements. Rapid Armour® presents an extremely tough and durable shield against construction damage. The elastic rubber-like nature of Rapid Armour® allows it to absorb minor impacts and the coating toughness makes it difficult to penetrate. Rapid Armour® is water and chemical resistant making it ideal for construction problems and plumbing drain tests.

Physical Characteristics - As Shipped

Appearance	Viscous Liquid
Coverage (ft²/mil of dry film/gal)	1603
Coating V.O.C. (EPA Method 24)	0 g/l or 0.0 lbs/gal.
Storage Life (in closed container)	6 Months at recommended temps.
Minimum Film Forming Temperature	33°F.
Product Packaging	This is a 2-component product to be used in a 1:1 ratio. Components A and B are available in 55-gallon drums and bulk containers.
Storage	Store at temperatures above 50°F. and below 100°F.
Product Application	Apply only through plural component spray equipment. Mix ratio 1:1 by volume. See manufacturer for recommended spray equipment.
Recommended Dry Film Thickness	10-50 MILS (7 mils minimum).
Cure Cycle	Typical dry to touch times are five minutes or less. Cure time will vary slightly depending on the temperature, humidity, and film thickness. Allow the coating to cure for two hours minimum before attempting to remove it.

Product Precautions

- DO NOT expose the A component to temperatures below 30°F. Cold material may form crystals that will require re-heating to reconstitute. Frozen liquid material will not function properly.
- DO NOT expose the A or B liquid components to any form of moisture. This includes venting the containers to the air without an in line dryer or desiccant.
- DO NOT apply the product to surfaces other than those specifically noted prior to thoroughly testing.
- DO NOT apply the coating too thin. This will result in a weak discontinuous film, which will be difficult to remove and offer no protection. Coating that is too thin to peel or overspray may be removed by soaking with a cloth dipped in isopropyl (rubbing) alcohol and then quickly rubbing the area with a dry cloth.



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- DO NOT attempt to peel the coating at extreme temperatures. It will peel easily at normal room temperatures.
- DO NOT apply the coating over small, intricate or delicate parts such as whirlpool jets, strainer fittings or window tracks. These parts should be masked with plastic film or tape as the coating will be difficult to remove.

Product Use Instructions

The following directions and recommendations are intended to serve as a guide and may require modification to meet local conditions.

Thinning	Use as received. Do not thin.
Surface Preparation	The intended substrate must be clean and dry to accept the protective coating properly. Loose debris, dust, or other contamination may degrade product effectiveness and peelability.

Dry film build required in mils	5	7	10	12	16	20	25
**ft² of coverage/gal	320	230	160	134	100	80	64

** Theoretical Coverage - Actual coverage may be slightly lower due to transfer efficiency factors.

Consult Material Safety Data Sheet for Handling and Safety Information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

Service is part of our formula

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