

AVANTGUARD

PRODUCT DESCRIPTION:

AVANTGUARD is a simple but heavy-duty multi-purpose elastomeric waterproofing compound which is especially designed for an aesthetic water-shield protection for customary surfaces such as concrete, steel, wood, asbestos and bricks. Cold-applied in seamless, homogeneous layers positively bonded to the substrate, it forms a continuous, elastic membrane ideal for both interior and exterior applications. Its free-flowing quality makes it very effective in sealing minute or hair-line cracks and preventing further damage by blocking water creeping into existing gaps. When cured, it provides good weathering resistance during hot or cold periods for many years of continuous exposure to harsh elements present in the surroundings.

PRODUCT USAGE/APPLICATIONS:

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|-------------------------------|------------------------------|
| 1. Basements | 10. Roof decks |
| 2. Elevator pits | 11. Firewalls |
| 3. Water tanks and reservoirs | 12. Asbestos roof tiles |
| 4. Swimming Pool | 13. G.I. roofings |
| 5. Canopies/balconies/ledges | 14. Structural steel |
| 6. Plant boxes | 15. Fiber boards |
| 7. Toilets and baths | 16. Wooden exterior surfaces |
| 8. Helipads | 17. Plywood |
| 9. Concrete gutters | |

APPLICATION PROCEDURE:

The entire area to be waterproofed must be thoroughly clean, dry, and free from oil, grease and loose particles to provide good bonding.

For concrete: Cracks shall be sealed with CORE BOND SEALANT or COR BOND 1221 P prior to the first coating. Moss-growth should be eliminated.

For metals: Rust or corrosion must be thoroughly cleaned by making use of a power tool, clip brush or sandblasted silica, then treated with rust converter (phosphating) and then coated with CORE BOND ANTI-CORROSIVE PRIMER. Surface must be cleaned before application of AVANTGUARD elastomeric coating.

Application should be made manual using a paint brush, roller or spray. This waterproofing compound should be stirred well before use. Allow previous coating to dry before putting on the next coat. Reinforce the strength and durability of AVANTGUARD through fiberglass mat. Additional coatings will surely produce better results. Clean tools with water immediately after use.

The system should be cured in about three (3) to four (4) days and floodtesting must be conducted for at least twenty-four (24) hours thereafter. When the result is approved as satisfactory, then the waterproofed areas are now ready for the desired concrete topping and finishing specialties e.g. marble tiles, ceramic tiles, pebbles washout, etc.

NOTE: All statements and technical facts and recommendations made for the use of all products are based on tests which we believe to be reliable and correct. However, no guarantee of their accuracy can be made due to a variety of existing project site conditions and to the differences encountered in raw materials, manufacturing equipment and methods.

SPECIAL FEATURES:

1. Easily solves minor leak problems.
2. Prevents moisture absorption or seepage in concrete metals, fiber board, plaster, wood, asbestos, etc.
3. Highly resistant to salts, acids and other chemicals.
4. Heat-resistant up to 300°F.
5. Fungi - and mildew-resistant.
6. Water-resistant.
7. Excellent protection for steel against corrosion.
8. Excellent bonding to substrates.
9. Ozone-resistant.
10. No blistering/chalking.
11. Seamless and cold application.
12. Easily applied: brush, roller or spray
13. Excellent fire-retarding property.

TECHNICAL DATA:

Physical Properties	Results	Test Methods
Weight	4.5 kgs/4 liters	ASTM E 201
Weight Solid	80%	ASTM D 1353
Tensile Strength	3.5 lbs./lin. in.	ASTM D 1004
Hardness, Shore D	25	Durometer
Elongation	225% - 500%	ASTM D 412
% Water Passage	0.93%	ASTM D 471
Heat Resistance	300°F	NIST
	No effect	
Metal Substrate	220 - 350 PSI	14 days curing
Shelf Life	6 months	

Chemical Tests

Results

Sulfuric acid 10%	No effect
Hydrochloric acid 10%	No effect
Nitric acid 10%	No effect
Sodium hydroxide 10%	No effect
Sodium chloride	No effect
Gasoline	No effect
Brake fluid	No effect
Motor oil	No effect

ADDITIONAL DATA:

Coverage:

Smooth surface	- 20 to 25 sq. m./1 gal.
Rough surface	- 10 to 18 sq. m./1 gal.
Drying time	- 15 to 30 minutes
Finish	- semi - gloss
Color	- white, beige, gray and aqua green (*note: Special colors available upon request.)
Packaging	- 1 gal. (4 liters) 1 tin (16 liters) 1 pail (20 liters)

Exclusively Distributed by:



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Member: International Concrete Repair Institute (ICRI), U.S.A