

NDURABLE

CONCRETE ARMOR™

- SUPER EASY APPLICATION -- APPLY WITH MAGIC TROWEL OR ROLLER, THICK OR THIN
- UNBELIEVABLE BOND STRENGTH OVER 1000 PSI (4 TO 5 TIMES STRONGER THAN MOST COATINGS)
- WORKS GREAT AS CLEAR COAT, MATERIAL IN WHICH TO BROADCAST, OR ADD COLOR
- PENDULUM HARDNESS OF OVER 320 (STANDARD COATINGS ARE USUALLY 30 – 120)
- FAST RETURN TO SERVICE – INCREDIBLE DRY SPEED FOR LOW VOC PRODUCT
- WORKS GREAT AS PRIMER OR TOPCOAT – EVEN 15-20 MILS WILL CURE PROPERLY

Endurable Concrete Armor is cutting-edge epoxy technology that can be applied over clean power-troweled concrete, overlay products, or smooth stable surfaces without having to grind the surface.

COVERAGE RATES: 200-600 sq/ft depending on mixing ratio, surface, and application thickness.

PACKAGING: Concentrate that makes 3 or 4 gallons.

MIXING RATIO: Mix one gallon of component 1 with one gallon of component 2 and one gallon of water.

For a thinner coating, mix one gallon of component 1 with one gallon of component 2 and add two gallons of water.

Shelf Life and Storage: Product has a shelf life of a minimum of 1 year in original containers. Store product between 40 and 77 degrees Fahrenheit.

Keep product free from excessive heat, moisture, and freezing.

WHERE TO USE: Interior Concrete – stained floors, interior countertops, terrazzo, polished floors, garages, commercial or industrial flooring.

When broadcasting or adding Endurable Concrete Stain -- driveways, patios, walkways, pool decks, and overlays.

MAINTENANCE: Use mild detergent solutions, light vinegar solutions, or light ammonia solutions. Reseal as necessary – 5 to 10 years depending on traffic and usage.

Routine buffing with a light pad on a low-speed buffer can help maintain an even sheen and a clean surface.

- Pendulum Hardness – 320 – 375 depending on moisture and temperatures when curing
- Pot life – 50-60 minutes
- Dry time – 1 to 2 hours
- Walk on time -- 2-3 hours at average temperatures
- Freeze-Thaw Cycle Engineered
- Low to Zero VOC
- Repairable
- Excellent cost performance
- Fast return to service
- Gloss; 60 degrees – 158
- Adhesion to damp concrete exceeds 850-900 psi

LIMITATIONS: Product must be applied properly to achieve optimal results. Product should not be applied over unstable surfaces. Although ENDURABLE CONCRETE ARMOR is 3-4 times more UV resistant than most epoxy systems, be aware product could yellow over many years on exterior applications.

Therefore, it is recommended to use ENDURABLE CONCRETE STAIN and ENDURABLE CONCRETE SEALER to avoid visible yellowing on exterior jobs.

POT LIFE: Pot life is 45 minutes – 1.5 hours. HOT TEMPERATURES CAN LOWER POT LIFE. STORING PRODUCT ABOVE 80 DEGREES CAN LOWER POT LIFE OR RUIN PRODUCT.

DRY TIME: Approximately 1-2 hours for initial dry-to-the-touch.

Approximately 3-6 hours for light traffic. Approximately 8-12 hours for heavy traffic. Product will gain strength over the next several days and will reach full cure at 7 days. It is recommended to wait as many days as possible before driving over the product with vehicles or heavy equipment.

WARRANTY: Evaluate whether this product is suitable for your intended application. Conditions of product use are outside of our control and vary widely, the following is made in lieu of all express or implied warranties of merchantability. Our only obligation and your only remedy is replacement of product, at the option of HDIP INC. In no case will HDIP INC be liable for any direct, indirect, special, incidental, or consequential damages including lost profits, goodwill, or business opportunity.

APPLICATION INSTRUCTIONS: Apply product to stable surface. Test areas are always recommended to confirm suitability of substrate and to achieve comfort level with application procedure. Product is a two-component system. In a 5-gallon bucket add Component 1 into Component 2 and stir with drill and paddle for 2 minutes. Then slowly mix in the water. Use 2 gallons of water for thinner topcoat or coating application. Use 1 gallon of water if using material to broadcast into with sand or flakes. Apply product with a magic trowel, hand trowel, roller, or other suitable instrument to achieve an even application.

BROADCAST APPLICATION: Trowel a small area, allowing installer to reach the entire area with broadcast material. Suitable fill material includes base sand, vinyl chips, or another suitable fill material. Broadcast fill until rejection. After applying 1 coat over the entire area, it is recommended to wait for product to dry until surface is hard enough to sustain light traffic. After the product is dry enough to sustain light traffic, it may be stained with ENDURABLE CONCRETE STAIN. You may choose to apply ENDURABLE CONCRETE SEALER. If you choose to do so, it is recommended to apply sealer within a few hours of ENDURABLE CONCRETE ARMOR drying to achieve good chemical bond. It is up to the installer to decide whether or not a second application of ENDURABLE CONCRETE ARMOR is desired.

POT LIFE: Pot life is 45 minutes – 1.5 hours. HOT TEMPERATURES CAN LOWER POT LIFE. STORING PRODUCT ABOVE 80 DEGREES CAN LOWER POT LIFE OR RUIN PRODUCT.

DRY TIME: Approximately 1-2 hours for initial dry-to-the-touch.

Approximately 3-6 hours for light traffic. Approximately 8-12 hours for heavy traffic. Product will gain strength over the next several days and will reach full cure at 7 days. It is recommended to wait as many days as possible before driving over the product with vehicles or heavy equipment.

INSTRUCTIONAL VIDEO AVAILABLE AT WWW.ENDURABLEPRODUCTS.COM

All products are labeled with full instructions. Additional information may be found on technical data sheets available at our website: www.endurableproducts.com. You may also view helpful instructional videos available on the website.



The website provides additional tips and techniques for the individual products. Color selections are also available on website.

www.endurableproducts.com

800-910-3120