



DURA-COAT INDUSTRIAL FLOOR 600

DESCRIPTION AND RECOMMENDED USES

100% solids, Dura-Coat Industrial floor 600 is a solvent free, Epoxy coating ambient-temperature curing. It is designed particularly as protection coating for concrete floor, Dura-Coat Industrial Floor 600 is convenient-to-use, self-leveling with excellent traffic resistance and high mechanical strength.

- Easy to apply and quick back in service
 - Ideally suited for concrete protection
- Suitable for abrasion protection
 - Suitable for high traffic

PACKAGES

| | REORDER # | GREY | GREEN | RED | ORANGE | BLUE | YELLOW |
|---------|-----------|-----------|-----------|----------|----------|----------|----------|
| OPTIONS | 5 L | 600-GY5L | 600-GR5L | 600-R5L | 600-O5L | 600-B5L | 600-Y5L |
| | 10 L | 600-GY10L | 600-GR10L | 600-R10L | 600-O10L | 600-B10L | 600-Y10L |

APPLICATION AREAS

- Industrial areas
- Maintenance shop
- Warehouse
- High traffic areas
- Aisle-ways
- Manufacturing areas

TECHNICAL DATA

| | | | |
|--|---|-----------------------|-------|
| Maximum Temperature (dependent on service) | Wet Service | 50°C | 122°F |
| | Dry Service | 60°C | 140°F |
| Chemical Resistance | Water | Excellent | |
| | Alkalis | Excellent | |
| | Inorganic Acids | Good | |
| | Organic Acids | Good | |
| | Organic Solvents | Good | |
| Solids by Volume | 100% | | |
| Mixed Density | 1.25 | | |
| Shore D Durometer Hardness | (ASTM D 2240) | 82 | |
| Pot Life | 25 min / kg at 72°F | | |
| Coverage for 10L Kit | 108sf @40mils | 10m ² @1mm | |
| Mix Ratio | 2:1 by weight | Base: Activator | |
| Color | Grey, green, red, orange, blue and yellow | | |
| Shelf Life (unopened containers) | 3 years at 55-95°F (13-35°C) | | |



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SURFACE PREPARATION

Proper surface preparation is critically important for the long-term performance of the Dura-Coat Industrial Floor 600. The prepared concrete surface must be structurally sound, free from all contaminants and roughened to an >ICRI CSP 3 profile (similar to #60 grit sandpaper). If using with Dura-Coat Krete-Seal 800, surface may be damp, but not wet i.e. no free-standing water. Dura-Coat Industrial Floor 600 can be applied on damp concrete without using Dura-Coat Krete-Seal 800. A vapor barrier (Dura-Coat Krete-Seal 800) is required for slab on grade application. If no vapor barrier is present, check for vapor transmission.

SURFACE CLEANING & PROFILING METHODS

- Hydroblasting
- Steel shot-blasting
- Scarifying
- Dry abrasive blasting

CURED TIME

| | 16°C (60°F) | 25°C (77°F) | 32°C (90°F) |
|----------------------|-------------|-------------|-------------|
| TACK FREE | 6 hours | 3 hours | 2 hours |
| LIGHT LOAD | 18 hours | 10 hours | 6 hours |
| OVERCOAT END | 24 hours | 16 hours | 8 hours |
| FULL LOAD | 36 hours | 24 hours | 12 hours |
| FULL CHEMICAL | 72 hours | 36 hours | 18 hours |

MIXING

Thoroughly mix Activator into Base with mixing stick or drill with low speed mixing blade scraping sides and bottom of container or mixing board. Mix by Weight 2-part Base to 1-part Activator. Mix thoroughly to produce an even colored and streak-free material. THINNING: Never thin.

APPLICATION

Application temperature range 10°C (50°F)-32°C (90°F) (substrate).
 Dura-Coat Industrial Floor 600 may be applied by notched squeegee, spray system, brush or roller.
 Brush: medium to stiff bristle of sufficient quality that bristles do not pull out and stick in coating (epoxy glued bristles are best). Trim or tape to <1" nap.
 Roller: use good quality 1/8" nap.
 For maximum protection against immersion or spills, a 2-coat system is recommended.
 To avoid sagging on vertical surfaces the maximum wet film thickness should be between 500 µm-1000 µm (20-40 mil) per coat.

CLEAN UP

Tools must be immediately cleaned after usage by using industrial alkaline detergent.

SAFETY

Before using any products, review the appropriate Safety Data Sheet (SDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

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