

Armor Cap™

Technical Data Sheet

DESCRIPTION:

Prestige Concrete's **Armor Cap™** is a highly durable, spray applied, polymer modified cement coating, designed to restore virtually any existing concrete surfaces including stamped concrete. **Armor Cap™** is a very thin, highly fluid product that penetrates into the pores of the concrete surface creating a very tenacious bond. **Armor Cap™** provides a slightly textured surface to improve slip resistance but will generally maintain the characteristics of the existing concrete creating a look that is more natural in appearance than other traditional overlay products. It conforms to the texture of the existing surface, leaving smooth surfaces smooth and textured surfaces textured, but adding a slightly sandy appearance. For highly degraded surfaces or in instances where it is desired to smooth out the texture of the concrete (like salt finish or exposed aggregates), a coat of concrete resurfacer is applied prior to the **Armor Cap™** system. In its natural state, **Armor Cap™** is gray in color and takes on the appearance of natural gray concrete. However, **Armor Cap™** may be colored using either opaque or translucent concrete stains. To help protect the **Armor Cap™** surface, a high quality commercial grade sealant is applied.

USES:

- Driveways
- Walkways
- Patios
- Pool Decks
- Curbs
- Walls
- Floors
- Pre-cast Concrete
- Masonry



APPLICATIONS:

- Residential
- Commercial
- Industrial
- Public Works
- Hotels
- Shopping Centers
- Office Buildings
- Recreation Centers
- HOA's
- Parks
- Stadiums
- Theme Parks
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BENEFITS:

- Excellent for restoring faded, worn, discolored, stained and deteriorated surfaces.
- Highly durable
- Superior bonding capability
- Non-reemulsifiable
- Non-toxic
- Economical
- Highly versatile
- Fast application
- Fast drying
- Minimal down time
- Environmentally friendly and safe
- Slip resistant
- Maintains character of existing concrete providing a more natural look
- Can be colored, stained or dyed



SURFACE PREPERATION:

Surface Preparation is often the most important part of a successful resurfacing application. Surface must be clean, sound, and free from oil, dirt, waxes, sealers or any other contaminant that may interfere with bonding. Popular methods of surface preparation include grinding, shotblasting, and/or scrubbing with detergent, acid etching, neutralizing, and pressure washing. The type of surface preparation needed will depend on the condition of the substrate. For most outdoor jobs, the surface can be cleaned by pressure washing.

CRACK & JOINT REPAIR:

All significant cracks should be repaired/treated with Prestige Concrete's Crack Repair System prior to applying Armor Cap™. Although most of the time the cracks will disappear completely, because the Armor Cap™ product is so thin, it is not uncommon to detect a slight difference in color or texture where the cracks were repaired. Additionally, where structural movement is present, cracks may reappear, but usually much smaller than they were before.

PATCHING AND RESURFACING:

Armor Cap™ will conform to whatever surface it is applied, showing any imperfections in the existing surface such as holes, spalls, gouges, deterioration or other surface damage. Prior to application of Armor Cap™, these imperfections may be patched using Prestige Concrete's concrete patching system. Although most of the time these patches will disappear completely, because the Armor Cap™ product is so thin, it is not uncommon to detect a slight difference in color or texture where these repairs were made. In cases of extreme surface defects, it will be necessary to apply a coat of resurfacer over the entire surface to help smooth out the patches and hide any repairs.

LIMITATIONS:

All concrete slabs on grade not poured over a proper moisture barrier are subject to possible moisture vapor transmission or hydrostatic pressure problems. These problems can cause a coating system to blister or fail. If moisture problems are present or suspected, possible solutions should be discussed with a Prestige Concrete Armor Cap™ specialist prior to application.