

AWC-ROOF 250™

TEMPORARY SOLUTION, BUT DESIGNED TO WORK BEYOND WARRANTY

Technical Data & Application Instructions

PRODUCT DESCRIPTION

AWC-ROOF 250 was designed to compete in the local market with international standards. AWC-ROOF 250 has two versions. One as an **exposed treatment** and another for **cover treatment** both versions are water based and are named as AWC-ROOF 250 Part A & AWC-ROOF 250 Part B.

AWC-ROOF 250 both the versions have added advantages like it is a high quality water-based acrylic finish, incorporating Fabmatt to increase the abrasion resistance properties of the film once Top Coated with Tuff Coat, it is a special spherical silica sand and is suspended in the emulsion to provide a fine uniform texture. This silica can be eliminated for projects requiring a smooth finish or can be incorporated in project requiring a texture finish.

AWC-ROOF 250 with **TUFF COAT** provides a durable colored topping for horizontal concrete and asphalt surfaces. In addition, its satin sheen makes **AWC-ROOF 250** an aesthetically pleasing roof/wall dressing that effectively evens out texture and color variations over various concrete substrates.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry, fully cured, and free from dust, curing agents or form release agents, efflorescence, scale or other foreign contaminants. Concrete and masonry surfaces shall be free of sharp projections, ridges and loose aggregate. Prior to application over vertical masonry block, **Block Filler** or another approved block filler must be used to fill the pores and achieve a pinhole free surface.

Concrete or asphalt surfaces can be repaired, sloped or resurfaced utilizing **Seal-Crete**, a polymer modified concrete. Mix with water to the desired consistency and apply as per instructions on container.

New concrete shall be cleaned and etched, then rinsed with liberal amounts of fresh water to assure complete acid removal. Sandblasting of concrete will be required if the surfaces are contaminated to the point that alternate cleaning methods are ineffective. Concrete surfaces having a smooth, steel trowelled finish must be acid etched or sandblasted.

All asphalt shall be allowed to age a minimum of 60 days prior to the application of **AWC-ROOF 250**. A test application is recommended over new asphalt to assure there is no bleed-through of the asphaltic oils.

Prior to sealer application, all loose material, foreign objects, dirt and dust shall be removed by use of a power vacuum or compressed air. Immediately following final cleaning, concrete and asphalt surfaces shall be sealed with one coat of **AWC Tile Sealer** or **AWCseal** respectively. After the sealer has completely dried, existing hairline cracks shall be filled with an approved acrylic or single component urethane sealant. All cracks larger than hairline should be considered as "moving" and shall be routed and cleaned prior to application of sealant. Sealant shall be trowelled flush with sufficient pressure to fill the cracks and joints completely. At the intersection of all vertical and horizontal surfaces, apply a ½" (1.3" cm) sealant bead, tooled slightly concave, and extended a minimum of 1½" (3.8" cm) vertically and horizontally. Use backer-rod or other bond breaker on moving cracks.

As a minimum, clean and prepare surfaces to receive waterproofing by removing all loose and flaking articles, grease and laitance with the use of a stiff bristle push broom and or washing. Care

should be taken not to inject water into the substrate during washing. In some cases additional drying time may be required after the cleaning process. Please consult our AWC Technical Sales Representative for additional advice on cleaning various roofing substrates.

New concrete should be allowed to cure for at least 28 days before applying AWC-ROOF 250.

APPLICATION

For Exposed Treatment:

Both Part A & Part B must be mixed thoroughly and applied @ of 200 to 250 sqft per 20kg pail. Once the complete system is applied it can be top coated with Tuff Coat for color and abrasion resistance requirement. Tuff Coat is optional and can be used as a Top Coat over AWC-ROOF 250 for meeting tough abrasion resistance.

For Covered Treatment:

Both Part A & Part B with addition of water for 1st Coat should be mixed and applied @ 400 to 500 sqft. After the same two more coats should be applied @ of 200 to 250 sqft per 20kg pail without addition of water, and once the system is laid it can be covered with variety of substrate like PCC, RCC, Pavers, Stamped Concrete or Tile.

RECOMMENDED USES

- Concrete
- Highway Structures
- Masonry
- Sports Courts
- Asphalt
- Decks/Patios
- Stucco (POP)
- Pool Decks
- Walkways
- Swimming Pool
- Concealed Roofs
- Plaster
- Wet Areas
- Retaining Structures

ADVANTAGES

- Available in smooth and textured finishes
- Single package and 2 component, water-based system for ease of application and cleanup
- Bonds tenaciously to concrete, masonry, stucco and asphalt surfaces
- Resists ultraviolet degradation for long term protection and color stability
- Provides durable, non-skid texture on interior or exterior surfaces
- Resist wear and abrasion through the incorporation of an epoxy additive
- Protects against asphalt degradation by sealing in the vital oils of the asphalt mix
- Helps prevent dusting and spalling of concrete surfaces
- Surfaces resist penetration from general soils, motor oils and gasoline for ease in cleaning
- No toxic fumes or objectionable odor. Meets all VOC requirements

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Material Safety Data Sheet (MSDS).

AWC-ROOF 250 can be used in a safe and environmental friendly manner. It is designed to reduce the output of V.O.C.'s while providing the customer with a high performance roof coating.

For more information, visit www.awcindia.in or contact our Technical Support Team on 022-2888-3000/3002.

CLEANUP

Thoroughly rinse application equipment with clean water.

WARRANTY

AWC-ROOF 250 warranties are available for Three (3) Monsoon years. The warranties guarantee the installation against leaks caused by normal weathering. Refer to Individual warranty documents for additional information.

The Contract shall notify all interested parties in advanced of said inspection.

LIMITATIONS & PRECAUTIONS

AWC-ROOF 250 requires complete evaporation of water to cure. Cool temperatures and high humidity retard cure. Do not apply during weather conditions such as rain, fog, or freezing temperatures, or if such conditions are imminent.

Do not apply AWC-ROOF 250 at temperatures below 50°F (10°C) or when there is a possibility of temperatures falling below 32°F (0°C). Do not ship or store unless protection from freezing is available.

ORDERING INFORMATION

AWC-ROOF 250 can be purchased in 20kg pail only (No small packaging is currently available), for specific requirements; please call us on +91-22-2888-3000/3002.

AWC [Architectural Waterproofing Corporation]

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