

Product name: WS-10. Water based currying compound.

Supplier: AFEC e.r.m.a Ltd.

Manufacturer: AFEC e.r.m.a Ltd.

Description: WS-10 is a water-based wax emulsion curing compound for new concrete.

It allows the concrete to retain sufficient moisture in order to achieve the designed strength, and exceeds ASTM specifications. It is 100% Free of all volatile organic compounds.

WS-10 complies with requirements of:

ASTM C 309, Type 1, Type 1-D, Class A & B
AASHTO M 148, Type 1, Class A & B

Fields of applications:

- Exterior paving
- Walls and columns
- Sidewalks, curbs and gutters
- Interior and exterior concrete
- Decks and parapet walls
- Residential concrete

Advantages:

- Forms an efficient moisture barrier for optimum curing of concrete
- Helps harden concrete through the promotion of proper cement hydration
- Suitable replacement for solvent based products where fumes are objectionable

Properties:

- Designed for interior or exterior applications

- Drying Time* @ 25°C, 50% RH:1 hour
- Foot Traffic: 2 to 4 hours
- Wheel Traffic: 6 to 10 hours
- VOC Content:0 g/L
- Solids Content:15%
- Moisture Loss: (ASTM C 156)<0.55 kg m2

Low concrete or air temperatures and/or high relative humidity will extend drying times

Direction of use:

Surface Preparation: This product is designed for use on fresh concrete only. The concrete surface should first be finished to the desired texture.

Mixing: Agitate before using. Material may separate during long term storage. Mild agitation is recommended before usage.

Application: Apply at a uniform coverage by spray or roller application. WS-10 may be sprayed with a hand held "pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short 9.5 mm nap sleeve.

Curing: For the best cure of freshly placed concrete, apply WS-10 as soon as possible after finishing operations, and/or immediately after disappearance of the "sheen" of surface moisture.

Precautions and limitations:

- Do not allow containers of this product to freeze. Store between 10°C to 38°C
- For best application results, product temperature should be between 10°C to 38°C with ambient and surface temperatures between 7°C to 45°C.
- Do not use as bond breaker for tilt-up construction.
- Do not subject to rain or water for at least 12 hours after application.
- Not intended for use on architectural concrete panels unless complete removal is planned.
- Do not think this product with water or other solvents.

Remarks:

Clean tools and equipment with warm, soapy water before the WS-10 dries

Accumulation:

WS-10 is a white Liquid material

Chemical Stability:

Stable between 6°C-55°C

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- Possible health Influence:** Low toxic range. Do not swallow.
- First aid:** Rinse with water and seek medical advice.
- Personal Hygiene:** Do not inhale! Protect eyes during use. Use relevant shield. Rinse hands after use.
- Coverage** (m²/L)
Smooth Concrete: (7.5)
Textured Concrete: (5)
Coverage will vary depending on surface porosity and texture.
- Package:** Plastic containers of 2 liters/ 20 liters/ 200 liters drums / 1000 liters IBC.
- Handling & storing:** 1 year in original, unopened containers