

### ALPHA CURE WB-606

#### General purpose curing compound

#### DESCRIPTION:

**ALPHA CURE WB-606** is a reduced odor, water based liquid membrane forming compound for new concrete. The membrane allows the concrete to retain sufficient moisture to achieve the designed strength and exceeds ASTM specification.

**ALPHA CURE WB-606** It is supplied as white emulsion which forms a clear film on drying. When first applied to a fresh cementitious surface the emulsion breaks to form a continuous, non-penetrating white coating. This dries to form a continuous film which provides a barrier to moisture loss, ensuring more efficient cement hydration, improved durability and reduced shrinkage cracks.

#### USES:

**ALPHA CURE WB-606** As a spray applied membrane to retain moisture in concrete for effective curing, suitable for all general concreting applications, particular benefit for large area concrete surfaces, such as airport runways, roads pavement and bridge decks etc.

#### ADVANTAGES AND BENEFITS:

- ◆ High Curing efficiency.
- ◆ Single application.
- ◆ Eliminates the need of water.
- ◆ Water based, therefore, non-flammable.
- ◆ Reduces drying shrinkage.
- ◆ Available in a fugitive dye formulation.
- ◆ Concrete requires less vibrating.
- ◆ Designed for interior or exterior applications.
- ◆ Promotes harder dust free surface.

#### PRECAUTIONS / LIMITATIONS:

- ◆ Product is unusable if allowed to freeze store between 50-130°F (10-50°C)
- ◆ For best application results product temperature should be between 50-130°F (10-50°C) with ambient and surface temperature between 45-130°F (7-50°C)
- ◆ This product should not be used under most carpet and tile adhesives unless completely removed.
- ◆ Don't use as bond breaker for tilt-up construction.

#### COVERAGE:

##### M2/Liter

Smooth Concrete 4-5  
Textured Concrete 3-4

#### PROPERTIES:

|                  |                        |
|------------------|------------------------|
| Appearance       | Milky white liquid     |
| Specific Gravity | Typically 0.980 @ 30°C |

#### STANDARDS:

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

#### PACKING:

Supplied in                      DRUM / IBC  
Storage                          Dry, Frost free, out of direct sunlight.  
Shelf life                        1 year in original unopened container  
Hazard class                    No dangerous goods. Observe  
Material Safety datasheet

#### DIRECTIONS FOR USE / APPLICATION:

**ALPHA CURE WB-606** The fugitive white colour during application provides a guide to the area covered. Pump pressure should be maintained to give an even, fine spray. After spraying, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be trafficked until it is fully dry, care should also be taken to ensure that the film is not subsequently broken. **ALPHA CURE WB-606** may be applied to the surface of newly hardened concrete immediately after demoulding. In such cases the concrete surface must be damp and not dry. Dry surfaces may prevent correct film formation and cause absorption of the **ALPHA CURE WB-606** which may lead to staining and difficulty in later removal.