



# WECTGF

## Waterborne epoxy coating system

### DESCRIPTION

WECTGF is a two component waterborne epoxy coating system. It is designed according to specific properties required for concrete floors and walls. It provides outstanding appearance and excellent mechanical properties. It can be used as mid-coats and topcoats on concrete, wood and other materials. This system has been approved by the Canadian Food Inspection Agency (CFIA).

### ADVANTAGES

- Zero VOC
- Fast dry speed
- Early water resistance
- Long pot life
- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odors
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resists to many chemical products
- Can be used on damp or dry surfaces

### COLOR

Upon request

### OPERATION

#### SURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, milt, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/in<sup>2</sup>) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/in<sup>2</sup>).

#### MIX:

**Mix each component separately.** Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

#### APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

#### CLEANING:

Clean all tools and materials with water. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

#### RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing: 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

## PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Upon request	Amber	Upon request
Viscosity (cps) @25°C	150 – 250*	220 - 280	200 – 300*
Solids by weight (%)	60 - 70	60 - 70	60 - 70
Solids by volume (%)	60 - 70	60 - 70	60 - 70
Thinner	Water	Water	Water
Density (kg/li)	1.1	1.04	-
Mixing ratio by volume	1	1	-
Mixing ratio by weight	110	104	-
Pot life (454 g @ 25°C)	-	-	1 - 2 hours
Recoat window	-	-	4-6 hours
Mileage per gallon ** (4 - 6 mils thickness)	-	-	300 - 400 ft <sup>2</sup>
Recommended thickness:			
Primer	-	-	4-6 mils
Top coat	-	-	6-10 mils
Pedestrian traffic	-	-	12-24 hours
Normal traffic	-	-	24-48 hours
Heavy equipment traffic	-	-	> 48 hours
Storage	12 months	12 months	-

**\* Please note that the indicated viscosity is for clear product only. Any addition of colorant may affect the viscosity.**

**\*\* Please note that the indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage.**

## HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. **For more information, consult the material safety data sheet.**

## IMPORTANT NOTICE

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