



FORTRESS™
PERFORMANCE COATINGS



**HEAVY-DUTY
CEMENTITIOUS
WATERPROOFING**

PU-90

DESCRIPTION

FORTRESS Heavy-Duty Cementitious Waterproofing is a high solid, extremely durable polyurethane modified cementitious waterproofing. When compounded with ordinary portland cement, it forms a seamless waterproofing membrane designed for waterproofing the following areas: roof decks, balconies, terraces, concrete walls, showers, laundry areas, concrete slabs and other general concrete structures. With its high solid content, flexibility and tough durability, **FORTRESS Heavy-Duty Cementitious Waterproofing** displays outstanding waterproofing performance and ability to withstand extreme weather conditions. Applied areas can easily be top coated with paint (e.g. elastomeric paint) or concrete topping.

COMPOSITION

Polyurethane Modified Emulsion
Functional Fillers
Titanium Dioxide

FEATURES AND BENEFITS

- High Solid Content
- Paintable
- 100% Active Solids
- Outstanding Flexibility and Elongation
- Extra Tough and Durable
- Excellent Adhesion

APPLICATIONS

- Permanently Wet Areas
- Showers & Laundries
- Roof Decks & Terraces
- Balconies & Concrete Slabs
- Other General Structures

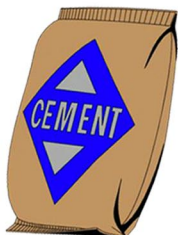
MIXING

4 liters



1. Prepare (4) liters of **FORTRESS**. Upon opening of the **FORTRESS**, mix the contents thoroughly.

4 kilos



2. Prepare (4) kilos of Ordinary Portland Cement (OPC). Make sure that the cement has been thoroughly sifted.

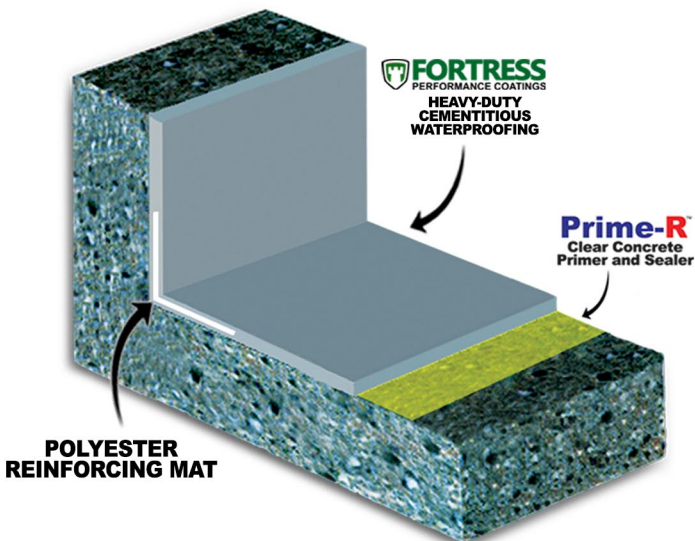


3. Recommended ratio of (4) liters of **FORTRESS** to (4) kilos of ordinary Portland Cement (OPC). Make sure that the cement has been thoroughly sifted. Pour the **FORTRESS** in a clean container. Gradually add ordinary Portland Cement (OPC) while constantly mixing. Continuously mix from 5 minutes to 10 minutes. For electric mixing, recommended 5 minutes minimum. For manual mixing recommended 10 minutes minimum.

NOTE: An electric mixer is highly recommended. Do not mix more than what can be used for 1 hour.

SURFACE PREPARATION

Surface must be clean, dry, stable and free from dirt, dust, oil, grease and other contaminants that will impede on the proper adhesion of the coating. All visible cracks should be sealed properly using GreenSeal Waterproof Elastomeric Sealant. Apply one (1) coat of Prime-R (clear) prior to applying **FORTRESS**.



Place **Polyester Reinforcing Mat** on concrete corners, 0.3 meter overlapping after the 1st coating.

VOLUME SOLID 50 ± 1%

PACKAGING 4 liters, 16 liters

COLOR Milky White

COVERAGE 6.0 sq.m / 4 liters
24.0 sq.m / 16 liters

DRYING TIME 3 hours @30 C - touch dry
8 hours @30 C - recoat
12 hours @30 C - dry through