

PORTLAND PROOF is a mixture of powder waterproof chemicals for mixing in mortar or concrete. These chemicals included the void dense materials, cement dispersion agents, dump-proof hydrophobic substances, cement water reducing agents, air detrainng agents and polymeric film forming impregnation substances to create the tight water structure for permeability resistance of water at the highest possibility of that cement ratio level. Otherwise if only certain water resistance is need, cost of cement may be saved.

FEATURES

1. Save cement content because waterproof concrete needs high cement content (more than 300 kg per m³). For Portland Proof, you don't have to mix cement content more than the strength you need and the price of Portland Proof is cheaper when you compare with increasing cement content. You also can get better waterproof property.
2. The entrained air content (generally about 2%) reduces the capillary suction of the concrete and hence the amount of water absorbed, due to interception of capillaries by the minute air bubbles. These voids also serve to relieve the pressure within the pores of the concrete when freeze occurs. Thereby protecting the surface against frost damage.
3. Increase durability both to the weather and to eroding.
4. Prevent the Bleeding of cement.

WHERE TO USE

Usable for all type of Cement. Especially for roofdeck's floor, swimming pool, bathroom, tank or any kinds of work that need waterproof property.

HOW TO USE

Mix Portland Proof with mixing water, then mix with cement and aggregates, and apply

DOSAGE

1 pack (100 gm) per 1 bag (50 kg) of Cement

STORAGE CONDITION

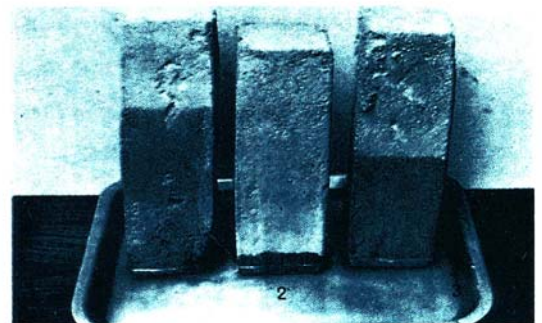
Keep in dry.

SHELF LIFE

More than year

PACKAGING

1 Pack = 100 gm 1 Box = 200 pack



การเปรียบเทียบการกันซึม

แท่งที่ 1 คอนกรีตเปล้า

แท่งที่ 2 คอนกรีตผสมปอร์ตแลนด์-ปรูฟ

แท่งที่ 3 คอนกรีตผสมสารควบคุมปริมาณอากาศ

