



## *Hydratherm PC40*

### *Insulating and Fire Proof Cement Base Mortar*

#### **Description**

Hydratherm PC40 is a insulating cement base mortar with light weight aggregate.

#### **Object**

Hydratherm PC40 used for light weight roof decks, floor fills, lightweight structural decks, insulation for steam and coolant lines, bases of cryogenic storage tanks, oven insulation, interstitial spaces in reconditioned water and sewer lines, interstitial floors in hospitals, lightweight pre-cast forms and blocks, statuary, basic fills, and many other applications where a lightweight permanent concrete is desired.

Hydratherm PC40 has a major ingredient in most fire-proof door cores, and safes. It is light, It is inert and inorganic, and it is fire-proof.

#### **Advantage**

- 4 times more resistant to heat transmission than sand plasters
- Savings in heating and air conditioning costs
- Noise Reduction
- Excellent Durability
- Non-Combustible
- Non-Toxic

#### **Introduction for use**

- Concrete surface must be free from oil, laitance, fat, grease and loose particles. It is recommended that old concrete surfaces should be deep-cleaned.
- Cracks should be filled with a suitable material such as Hydrapox Injection or Hydratop available from ACT.
- Damp the concrete with clean water not wet.
- Mix the Hydratherm PC40 with water at the ration 1 kg. of Hydratherm PC40 with water 1.2 - 1.5 L. until homogeneous.
- Apply with trowel or injection machine at the thickness 1 - 3 cm.

#### **Characteristic**

Appearance	: Concrete Gray
Density	: 400 - 450 kg./m <sup>3</sup>
Thickness	: 1 - 3 cm.

#### **Packaging**

15 Kg./Bag.

#### **Act (Thailand) Co., Ltd.**

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