



# **Paramount Minerals and Chemicals Limited**

(An ISO 9001:2008, ISO 14001:2004 & OHSAS18001:2007 Certified Company)

# **DOLOCALT HT**

***Water Proofing Agent for Concrete***

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**Dolocalt HT** is a Calcium Stearate Dispersion. This is specially well suited to provide resistance to water penetration and to control efflorescence in building structures such as concrete blocks and masonry walls.

#### Physical Properties

Chemical Description	Calcium Stearate dispersion
Solid content	50%
Viscosity Brookfield at 25 deg C	<400
Form supplied	White liquid
Density at 25 deg C	1.0-1.08 g/cm cube
pH value 1% aqueous solution at 25-30 deg C.	8.50-10.50
Miscibility at 10 deg C. and above	Can be mixed with water in all proportions
Recommended for Use	Water Proofing Agent for Concrete

**Dolocalt HT** is readily dispersible in concrete and mortar mixes, assuring uniformity of distribution for optimum protection to water permeability. Water permeability of the paste in the concrete is considered to be the most important property for its durability. It will determine its resistance to frost damage and corrosive agents that attack the steel reinforcement in the concrete.

The action of **Dolocalt HT** on blocking the capillary seepage of water through the paste will reduce those damaging effects. In-house tests conducted to determine the performance of the **Dolocalt HT** in protecting against water seepage confirmed its efficiency. The tests consisted of measuring the rate of water seepage through specimens made of a mortar mix based on ASTM C10.

**Dolocalt HT** gives excellent results in preventing water permeability when incorporated in the mortar mix at 0.5%, 1.0%, and 1.5% solids based on cement content of the mix.

**Dolocalt HT** is available in 250 kg HDPE drums, 1 MT IBC/Tote bins and in bulk tank loads. The product should be protected from freezing. Storage at room temperature is recommended to prevent damage of the product.