TECHNICAL DATA SHEET

Aqualite 72

U. S. PATENT NO. 5,437,722

Physical Properties

-Colour	Beige	-Water Resistance	Excellent
-Solids Content	50%		Non-Flammable
-Density	0.95 kg/litre	-Flammability	
-Weight per Gallon	9.5 lbs./Imp. gal.	During Use	6 months
	7.9 lbs./U.S. gal.	-Storage Life	

Description

Aqualite 72 is a non-asphaltic, non-silicone, light coloured, highly efficient waterproofing agent for gypsum board containing a high level of the active ingredients.

Features

-Environmentally friendly
-Excellent storage stability
-Low defoaming tendency in plaster slurries
-Excellent consistency of water absorption results from batch to batch or within a production run
-Light colour enables easy changeovers from regular board production to water resistant board as there is no appreciable difference in core colour, permitting short runs
-Easy clean up and disposal
-High efficiency with either natural or synthetic gypsum.

Uses

Used primarily as a waterproofing agent for gypsum board. May also be used in waterproofing other construction products.

Limitations

Protect from freezing. If frozen, allow to thaw out at room temperature or warm to 100°F (40°C) and mix prior to use.

Usage Rate

Aqualite 72 provides proven efficiency in waterproofing gypsum board. Levels of usage vary depending on board formulation and gypsum characteristics, but a typical dosage rate based on 1000 square feet of 1/2" board is approximately 40 lbs (0.2 kg/m² of 12 mm board).

Storage and Handling

Aqualite 72 should preferably be stored indoors at a temperature of 50°F to 80°F (10°C to 25°C). The product has excellent storage stability but may show some creaming tendency on prolonged storage. If stored in drums, the product should be mixed prior to use. Bulk storage tanks should be equipped with an agitator or circulating loop and the product should be circulated or agitated briefly prior to each use or on a weekly basis if not used. The product is stable to pumping with centrifuge or diaphragm pumps or with gear pumps having wide internal clearances. Excessive mechanical shearing of the product should be avoided. The product should not be heated above 110°F (43°C).

Clean-up

Liquid material can be rinsed with water. Dry material can be scraped up for disposal. < >