

POWDER WATER- PROOFER



Powder Waterproofer is a white powder admixture used to increase the water repellency of render, mortar and concrete. By increasing the water repellency but maintaining the vapour permeability of a mix, there is a lower water absorption, lower risk of efflorescence and staining and a higher durability. Use of Powder Waterproofofer in render base coats also reduces the suction to allow easier application of following render coats.



PERMEABILITY AND ABSORPTION REDUCED
VAPOUR PERMEABLE – ALLOWS STRUCTURE TO
‘BREATHE’
HELPS PREVENT EFFLORESCENCE
EASY TO USE

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
FORM:	White fine powder
PACKAGING:	1kg plastic bags
STORAGE	This product must be stored in closed containers away from extremes of temperature.
SHELF LIFE	12 months in unopened manufacturer's containers.
DOSAGE:	1kg per 50kg cement
OVERDOSAGE:	Severe overdosage can cause strength loss and excessive air entrainment.
CHLORIDE CONTENT:	< 0.1% w/w

DIRECTIONS FOR USE:**APPLICATION**

Powder Waterproofer is recommended for use at a dosage of 1 x 1kg bag per 50kg of cement. Trial mixes should be carried out to determine the optimum dosage rate. For advice, contact Larsen Technical Department. Use clean, sharp, well graded sand for mortar and render mixes and clean, well graded aggregates for concrete. Mix designs should always be proportioned in accordance with industry standards. As a guide, concrete should contain not less than 300 kg cement per cubic metre and for render mixes, best results are obtained if the mix is not weaker than mix designation 1, as described in BS 5262.

DISPENSING

Ideally, Powder Waterproofer should be added to the dry components; however, it may also be added after the water. When adding to a wet mix, mixing times should be extended.

RESTRICTIONS

When rendering, BS 5262 and BS 8000-10 should be followed at all times. All work should be carried out to current best practice, British Standards and trade body guidelines. Powder Waterproofer can be used with all types of Portland Cements. It is also compatible with other admixtures. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix. Trial mixes should be carried out when used in conjunction with air entrainers. Powder Waterproofer will not compensate for poorly proportioned mixes or incorrect application. Powder Waterproofer does not replace the need for a suitable damp proof course.