

PRUFPLAST



Prufplast is a combined mortar plasticiser and liquid waterproofer for building mortars and renders. It inhibits the passage of liquid water through the capillary and pore network in cementitious materials, but does not form a vapour barrier thus allowing the structure to breathe. Prufplast is non-retarding, chloride-free and equally compatible with all cements. Use in render base coats also reduces the suction to allow easier application of following render coats.



**COMBINED WATERPROOFER & PLASTICISER
IDEAL FOR USE IN EXTERNAL RENDERS
VAPOUR PERMEABLE – ALLOWS STRUCTURE TO
'BREATHE'**

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
FORM:	Green/Blue liquid
HAZARD INFORMATION:	IRRITANT Contain Sodium Silicate - Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment, etc. using cold water.
PACKAGING:	5L and 25L packs
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature, protect from frost
SHELF LIFE:	12 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
SPECIFIC GRAVITY:	~1.05
pH:	~12
CHLORIDE CONTENT:	< 0.1% w/w
FREEZING POINT:	0°C (product will separate if exposed to temperatures below ~-5°C. If this happens product should not be used)
DOSAGE:	0.5 - 1.0L per 100kg cement

DIRECTIONS FOR USE:

PREPARATION

Surfaces should be sound, clean, and free from dust. Smooth surfaces should be mechanically roughened.

APPLICATION

Mix design will be as for normal renders and mortars using the following quantities of Waterproof. 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, for render mixes, best results are obtained if the mix is not weaker than mix designation 1, as described in BS 5262.

Site mixing: 5L of Prufplast should be added to 150L Water; this liquid should be used as gauging liquid.

Plant mixing: 0.5L of Prufplast per 50kg cement.

DISPENSING

Prufplast should be dispensed into the mixer with the gauging water. It should never be added to the dry cement.

RESTRICTIONS

Severe overdosage can cause strength loss and excessive air entrainment. 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. Prufplast 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. Typically there is no need to also use a separate mortar plasticiser. Prufplast will not compensate for poorly proportioned mixes or incorrect application. Prufplast does not replace the need for a suitable damp proof course.