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## NURAF LUSH

### TECHNICAL DATA SHEET

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#### DESCRIPTION

##### TWO PACK HIGH STRENGTH BITUMEN AND CEMENT FINISHING & REPAIR PLASTER

A high specification bitumen based cement render that features strong adhesion and tensile strength development combined with a rapid yet practical through-cure in thicker render sections, with outstanding cured strength, resilience and low shrinkage.

NURAF LUSH emulsion is a high performance ready to use, cold applied, high build liquid waterproofing membrane based on polymer modified bitumen emulsion. NURAF LUSH forms a seamless and durable film that adheres well to most of the common substrates e.g. concrete, cement blocks, wood, existing roof felts and steel. NURAF LUSH is highly resistant to chlorides and sulphates commonly present in the soil.

NURAF LUSH is a two component material supplied as a pail of base emulsion to be mixed for use with standard grey cement. This combination with cement gives a uniquely high build and low shrinkage membrane with a positive chemical cure, without sacrifice of long term flexibility inherent from the high proportion of acrylic co-polymer film-former. Compared to single pack emulsion products NURAF LUSH membrane can be laid in far poorer curing conditions, and because of lower shrinkage, in a lesser number of coats. Compared to other two-pack liquid membrane types this product does not depend on environmentally aggressive polyurethane or similar chemistries for cure, and being water based does not contain any organic solvent pollutants.

#### SPECIFICATION

Type:	Thixotropic black emulsion dries to a black flexible protective membrane.
Colour:	Black.
Viscosity:	Brushable or spreadable.
Specific Gravity:	1.04 +/- 0.01
Non-volatile content:	65% Min
Rubber content :	10% Minimum
pH:	10.0 – 12.0
Curing time:	24 hours – dependant on thickness
Cleaner:	Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.
Stability:	Protect from frost. Not freeze-thaw stable.

#### APPLICATION

All surfaces must be clean and free from grease, oil, release agents or dust etc. It can be applied using brush, roller.

NOTE: Concrete must be cured for a minimum of 27 days and have a moisture content of 18% or less. Plywood and timber must have a moisture content of 18% or less and be of the correct standards.

Mix ratio is approximately 7.5Kg cement per 15L pail NURAF LUSH emulsion - slightly less or more depending on ambient temperature and the degree of workability required. Add cement slowly with

good mechanical stirring to a lesser amount of emulsion base to begin to give a thick & lump free concentrate, then dilute with remaining base to working consistency.

Use a trowel to apply the mixture of the desired area. Feather the edges to create a smooth appearance.

The mixed material has a usable working life in excess of 1 hour. If the material should begin to set up earlier, it may be readily re-stirred to return consistency. Do not add water and attempt to use material that will not restir as it has begun to cure.

Once fully cured Nuraflush should be protected from UV by painting with Nurastone sealer and Nuracolour or by welding a Nuraply 3P membrane system over it.

## **PACKAGING**

15 litres plastic pail

## **STORAGE**

Store in cool, dry conditions out of direct sunlight between 5° C and 25° C.  
This product MUST be protected from frost.

## **SHELF LIFE**

12 months under normal temperature conditions and in original containers.

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