

TECHNICAL DATA SHEET

DESCRIPTION

Nurapatch is a high-performance cementitious mortar offering fast curing times with early high compressive strength characteristics, excellent adhesion qualities, is hydrophobic and can be troweled to a smooth finish. Nurapatch has a design life of greater than 50 years when applied in the correct application.

TECHNICAL SPECIFICATIONS

Technical Specifications	Unit of Measurement	Nominal Value
Pail	kg	20
Colour		Grey
Compressive strength	MPa	20 (2 hours @ 16°C)
Compressive strength	MPa	36 (24 hours @ 16°C)
Compressive strength	MPa	45 (28 days @ 16°C))
Set time	minutes	17 @ 16°C
Ambient application temperature	°C	7 - 25

AREA OF USE

A particular benefit has been careful attention to application mix rheology to give excellent trowel “feel” and build capability allowing ready attainment of specification thickness with reduced application effort. This product can be applied from a feather edge to 100mm thickness and work can often then be completed in a single application, with major labour cost savings achieved.

Major areas of use include finishing and fairing of concrete repair work, flushing of blockwork, and plaster render repairs. Excellent adhesion to concrete and steel.

For areas of bitumen membrane ponding refer to [Nuraflush TDS](#), before over laying with new Nuraply bitumen membrane.

SURFACE PREPERATION

Before commencement, the user should ensure that the receiving surfaces are sound and capable of accepting the product. Material and/or substrates should be checked for compatibility and if necessary, assessed by a competent person to ascertain their suitability.

Apply to clean surfaces free of loose or friable material. Ideally concrete surface to be patched, should be damp, (but not wet), rather than totally dry to avoid undue suction and cracking. Avoid application in direct sun or in hot windy conditions where this is unavoidable, then keep the new plaster dampened by mist water spray during the first day of cure. This material is cement based and will show efflorescence but because of the high polymer content this is “fixed” and providing a good quality acrylic sealer/primer is used, may be overcoated or membrane applied at three days after application.

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APPLICATION

Mix 130mls of clean water to 1kg of Nurapatch, mix thoroughly with a spiral mixer to an even consistency and apply with a trowel and float to the desired finish. Only mix the amount required to affect the repair and do not leave the product standing. Once the product has been placed and 'finished off' do not rework it as the effectiveness of the finished product may be compromised.

Under normal ambient conditions it will set in 17 minutes, from mixing, and will be fully cured in 24 hours. Nurapatch is suitable for repairs 0mm to 100mm in depth and should always be placed in one layer. Do not feather edge on dry concrete surfaces, dampen with water.

COMPOSITION

Blended cement, aggregate and polymers.

SAFETY, STORAGE & HANDLING INFORMATION

Do not stack pallets.
Store indoors.
Shelf life 36 months

For these products, the best available information on safe handling, storage, personal protection, health, and environmental considerations has been gathered. SDS (Safety Data Sheet) are available [here](#) and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

TRANSPORT CLASSIFICATION

N/A

The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.