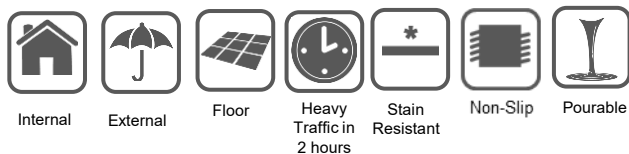


Pourable Patch Repair Kit

Description

- **Nicobond Patch Repair Kit** is a 2-part repair system for repairing damage to existing concrete and sand: cement screeds from 5mm to 100mm in one application.
- Mixing bucket included
- Contains both powder and liquid components – no measuring required
- Interior and exterior
- Use to repair private car parks & driveways, industrial floors, warehouses, loading bays, and in other areas which may require damage repairing.
- Once the first application is cured further layers can be built up between 5-100mm deep at a time
- Can accept heavy traffic such as Forklift Trucks after 2 hours at 20°C



Key Features

- Available in 25kg & 12.5kg kits
- Provides a long-lasting repair solution and can be painted if necessary.
- Fibre Reinforced
- Polymer modified
- Priming not always necessary
- Foot traffic in 30-60 minutes at 20°C
- Easy to use, with straightforward mixing and application process, often with minimal surface preparation.
- Can be applied to damp, not wet substrates.
- After 28 days achieves C35 F6 classification

Application Data

Colour	Grey
Mixing Ratio	25kg (20.2kg Powder/ 4.8kg Liquid) 12.5 kg (10.1 Powder kg & 2.4kg Liquid)
Mixing	Shake the liquid component thoroughly prior to pouring into the supplied mixing bucket. Add the powder at a steady rate to the liquid, while stirring continuously using a variable speed mechanical mixer. The material should be mixed until a smooth lump free consistency is achieved.
Consistency of mix	Fluid Mortar
Application thickness	5-100mm
Coverage	25kg kit approx. 1.0m ² at 12.5mm thick. 12.5kg kit approx. 0.5m ² at 12.5mm thick. See coverage chart.
Pot Life	Due to its rapid setting characteristics, only prepare product that can be used within 5-10 minutes at 20°C.
Ready For Light foot Traffic	30-60 minutes
Ready For Forklift Traffic	2 hours
Setting time	24 hours
Installation Temperature	Minimum 5°C
Operating Temperature	-20°C to 70°C
Packaging	12.5kg or 25kg kit comprises of plastic outer mixing bucket containing powder in poly lined paper sack and liquid in plastic Jerrycan

EN 13813:2002 Test Methods

EN 13892-2	Determination of flexural and compressive strength after 28 days
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Pourable Patch Repair Kit

Description

Nicobond Pourable Patch Repair Kit is intended to be used to repair damage and holes in existing concrete substrates as well as sand: cement screeds. Although it is suitable to complete an entire installation using the product it may be difficult to use as it is so rapid setting. For particularly rough and uneven floors Nicobond ScreedPro Heavy Duty can be used to level the whole floor between 5-50mm once the required areas have been repaired with Nicobond Pourable Patch Repair and allowed to dry. It can then be over painted with a sealer once cured and be considered as a wearing surface suitable for heavy traffic after a minimum of 24 hours. For repair to Tarmac/Asphalt Nicobond Tarmac & Asphalt Repair Kit is recommended. This performs the same as Nicobond Pourable Patch Repair Kit but is dark grey/black in colour to match the area to be repaired. Always consult the latest Technical Data sheet for the product to be used. All installations must be carried out to the relevant BS EN standard such as BS 5385 & BS 8203/4 where appropriate to meet the recommended performance characteristics.

Conforms to BS EN 13813 Classification CT-C35-F6

Substrates

Nicobond Pourable Patch Repair Kit is intended to be used to repair damage in existing bases however the following advice must be considered.

Concrete & Sand/Cement Screeds

Concrete and sand/cement screeds must be dry, and any laitance or surface treatments removed. Sand/Cement screeds must have a moisture reading of less than 75% RH before work can begin. Allow approximately 1 day per mm for drying of new screeds. It is also advised to prime sand/cement screeds to maintain a good flow and prevent air bubbles rising to the surface. Porous surfaces may need more than one coat. Prime with Nicobond Primer diluted at 4 parts water to 1-part Nicobond Primer.

Power Floated Concrete

The surface should have been allowed to dry for at least six weeks. Power Floated Concrete can have a loose top layer and in some cases laitance once it has dried. Mechanically remove any laitance or surface treatments. All dust and debris must be removed using a vacuum cleaner.

Can be applied to damp, not wet substrates once sufficiently cured as above.



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Surface Preparation

Thorough preparation is crucial to the success and longevity of installations. Surfaces to be repaired should be rigid, dimensionally stable, sound, clean and free from laitance, paints, salts, grease, dust and any contamination which may impair adhesion. To avoid the need to feather edge the material, edges of the repair should be cut and made square to the same depth as the rest of the repair in heavily trafficked areas. It may be necessary to wire brush the surface. Vacuum clean or thoroughly sweep the area before application. Prime with the area to be repaired with Nicobond Primer diluted at 4 parts water to 1-part Nicobond Primer to consolidate the floor and allow to dry. Application can be completed without priming but this may affect the longevity of the repair depending on the absorbency of the base.

Mixing

Shake the latex component jerrycan thoroughly prior to pouring all the contents into the supplied mixing bucket. Then add the powder at a steady rate to the liquid, while stirring continuously using a variable speed mechanical mixer. The material must be mixed until a smooth lump free consistency is achieved. Simply pour the material onto the area to be filled.

If not all 12.5kg/25kg of the product is required in one go, the following table can be used as a guide for smaller amounts. Only mix the product at the below ratios or the performance and longevity of the repair may be impaired.

Powder (KG)	Liquid (Litres/KG)
5.1	1.2
10.1	2.4
15.2	3.6
20.2	4.8

Avoid leaving edges or lipped areas which will be exposed in service. Because of its rapid setting qualities, mix the material near to the area in which it is to be used

When prepared correctly the product will self level and trowelling may not be required. If necessary, use a suitable trowel to square off the surface. Wash tools off immediately in clean water.

Work in layers of 100mm maximum. If greater depth is required leave a minimum of 12 hours between each layer and build up the repair in multiples of maximum 100mm depth as required.

Painting

Once cured for at least 24 hours in most conditions Nicobond Pourable Patch Repair Kit will be ready to be painted using a suitable floor paint, epoxy sealer or similar product.

Pourable Patch Repair Kit

Approximate Coverage per 1m²

Thickness (mm)	Amount of 25KG Kits required	Amount of 12.5KG Kits required
12.5	1	2
25	2	4
50	4	8
75	6	12
100	8	16

Shelf Life

A minimum of 12 months in unopened bags and a minimum of 12 months in unopened bottles from the date of manufacture

Storage

This product must be clear of the ground stored under dry conditions. Protect from frost.

Cleaning

Wash tools in water immediately after use.

Health & Safety Advice

Nicobond Pourable Patch Repair Kit is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Nicobond Pourable Patch Repair Kit contains Portland cement, (contains Chromium VI), may cause an allergic reaction. Contact with water causes an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes. Wear suitable protective clothing, gloves and eye/face protection. Keep away from children.

Liquid component

EUH208 - Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

The relevant Material Safety Data Sheet can be obtained from www.nicnicobond.com or directly from N&C Building Products Ltd at the address below.

Powder component

UFI: RY70-D0VE-C00N-KE5Y

Liquid component

UFI: 5280-W0JT-P004-7RS3

Email: technical@nicobond.com

See Nicobond "Tiling Systems the directory" for full details of our extensive range of tiling and flooring products and tiling solutions. Refer to the latest version of our Technical Data Sheets and Safety Data Sheets to ensure compatibility before use, these can be downloaded from our website www.ncnicobond.com

Manufacturer's Warranty

Nicobond products are covered by our lifetime warranty. If the materials prove to be defective due to manufacturing, they will be replaced, or money refunded. We do not accept any liability for workmanship or any consequential loss or damage.



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The information contained on this data sheet is given in good faith. It is to the best of our knowledge true and accurate; however, it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

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