



UNICLASS L6412:P21	CAW M10
CI/SfB	

High performance adhesives, screeds  
& tiling systems for the professional

## Technical data sheet

April 2023

# PatioPro Primer

**Nicobond PatioPro Primer** is a highly polymer modified slurry bond coat for use with porcelain tiles and natural stones as well as concrete flags and clay pavers to bedding mortar.. In addition, **Nicobond PatioPro Primer** can be used to seal porous surfaces prior to the application of other cement-based installation systems. Creates an exceptionally strong bond between the paving and bedding mortar. Essential for porcelain and granite. Dramatically reduces the potential of staining and framing from the cement-based bedding mortar. Suitable for floor and wall applications.

Meets the requirements of BS 7533.

**Nicobond PatioPro Primer** is a pre-blended composition of Ordinary Portland Cement, graded aggregates, fillers, and polymer additives which requires only the addition of water to produce a brush able bond coat.

All aspects of the installation must be in accordance with the requirements of BS 7533 where appropriate to meet the recommended performance characteristics.



**Always refer to the latest Technical Data Sheet before commencing use of the product.**

### Preparation

**Flagstones:** The subbase material should be well compacted onto the subgrade and prepared following traditional guidelines.

**Natural Stone and porcelain:** A solid concrete base should be formed and cured in accordance with established standards, ensure the base is free from laitance, dust or any contaminants which might hinder adhesion of the slurry bond coat.

### Mixing:

Each bucket contains 1 x 15kg paper sack of powder which can be put to one side to enable use of the bucket for mixing. Pour sufficient water into the bucket (based on a ratio of approximately 5 litres of clean cold water to 15kg powder) (approx. 1 volume of water to 3 volumes of powder) and then gradually add the powder whilst mechanically mixing thoroughly until the mixture becomes achieves a smooth consistency. These mixing proportions are approximations only and care should be taken to reach the correct working consistency

### Application:

Use the mixed material immediately, applying **Nicobond PatioPro Primer** with a suitable brush to the underside of flagstones approx. 1-2mm thick prior to placing the flagstones onto the wet bed of mortar. Always remove any excess material before it dries. Porcelain paving tiles can be laid in a similar way, also requiring a coating of the slurry bond coat to aid adhesion to the base

The compound shall be **Nicobond PatioPro Primer** as manufactured by N&C Building Products Limited, 41-51 Freshwater Road, Chadwell Heath, Romford, Essex, RM8 1SP, England. Tel: 020 8586 4600 and shall be applied strictly in accordance with the manufacturer's current data sheets and instructions.





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Specification	Nicobond PatioPro Primer
BS 7533 Classification	
Application Thickness	1-2mm
Bond Strength	≥2.0 N/mm <sup>2</sup>
Compressive Strength	≥35.0 N/mm <sup>2</sup>
Flexural strength	≥4.5 N/mm <sup>2</sup>
Coverage	15-18m <sup>2</sup> per 15kg
Working Life @20°C	Minimum 60 minutes
Packaging	15kg poly lined bags in mixing bucket

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency.

#### Cleaning

Wash tools thoroughly with water immediately after use.

#### Shelf Life

At least 12 months in unopened bags, from the date of packing.

#### Storage

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

#### Health & Safety Advice

Nicobond Universal Slurry Primer is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

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

N & C Building Products Limited  
41-51 Freshwater Road  
Chadwell Heath  
Romford  
Essex RM8 1SP  
Tel: 020 8586 4600  
Fax: 020 8586 4646  
Email: [info@nichollsandclarke.com](mailto:info@nichollsandclarke.com)  
Web: [www.ncnicobond.com](http://www.ncnicobond.com)

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