



PERMACOLOR® NS

An ultra premium, factory prepared, polymer fortified, non-sanded cement based grout designed for highly delicate surfaces such as polished marble, soft glass and metals. PERMACOLOR NS is mixed with water only. Provides a grout joint that is dense, hard and durable. Is available in 12 colours.

**Globally Proven
Construction Solutions**



FEATURES/BENEFITS

- Mix with water.
- Contains anti-microbial technology.
- Excellent for wet and dry areas.
- Non-dusting, non-spalling and non-yellowing.
- Non-shrinking.
- Easy maintenance.
- Dense.
- Easy application and clean-up.
- No pre-soaking or wetting tile.
- No damp curing required.
- For interior and exterior installation.

SHELF LIFE

Factory sealed 5kg bags of this product are guaranteed to be of first quality for 18 months if stored at temperatures $>0^{\circ}\text{C}$ and $<43^{\circ}\text{C}$ and off the ground in a dry area.

USES

For joints up to 6 mm between soft bisque glazed wall tile, non-vitreous clay tile, marble, stone and porcelain or glass.

PACKAGING

- 5kg Bags, (12 colours) 4 bags per carton

MANUFACTURER

LATICRETE Australia Pty Ltd
29 Telford Street
Virginia, QLD 4014 Australia

Telephone: 07 3865 1599
Toll Free: 1800 331 012
Fax: 07 3865 2250
Internet: www.laticrete.com.au

Limitations

- Do not use where chemical resistance is required. Instead, use SPECTRALOCK® 2000 IG.
- Not suitable for immersed applications, such as swimming pools.
- Do not use acid to clean coloured grout joints.
- Do not allow grout to harden on the face of the tile; clean promptly.
- Job site conditions can affect the final colour of coloured grouts. Try a small test area to determine your results before grouting entire installation.
- Certain types of tile are more absorbent than others and may stain during grouting. Prior to grouting, test a tile with the grout selected.
- Use a STONETECH® grout release or sealer if required.
- PERMACOLOR® NS is designed to be mixed with water. Do not mix other grout additives with this product. Use of other grout additives may result in colour variation and reduced product performance and will void all LATICRETE® warranties.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane.

Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations where L=span length.

Cautions

Consult SDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- DO NOT take internally.
- Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children

TECHNICAL DATA

Applicable Standard

Meets and exceeds the requirements of AS ISO 13007.3 & 4 as a CG2FAW

Working Properties:

PERMACOLOR NS mixed with Water (21°C)

Pot Life	50 – 55 min
Wet Density	1.75 g/cm ³

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTALLATIONS

Surface Preparation

Before starting to grout, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints. Substrate temperature must be between 4°C and 32°C. Refer to Grout Troubleshooting Guide for more information on grouting.

Mixing

Use approximately 1.4 litres to 1.5 litres of water per 5kg bag. Add the PERMACOLOR NS to the water and mix slowly either by hand or with a slow speed mixer to a smooth, stiff consistency. Allow to slake for 5 - 10 minutes and remix for 1 minute.

Application

Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Ensure that joint is filled and grout is not just sitting on top (i.e. “bridging the joint”).

Cleaning

Grout Primary Cleaning — Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.

Grout Secondary Cleaning — Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow to dry. When the grout joints are firm polish the surface with a coarse nylon pad or coarse cloth and minimal water.

Note: Use caution when polishing soft glazed tiles or polished stone.

Selecting Other Grout Materials

LATICRETE has grouting materials designed for every use. For maximum stain resistance in most installations choose SPECTRALOCK PRO Premium Grout† For installations that require high strength and chemical resistance choose SPECTRALOCK 2000 IG. These products are ideal for installations where a stain resistant, colourfast grout is desired.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

For online distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

MAINTENANCE

LATICRETE recommends using STONETECH surface products to protect, clean and enhance stone, masonry, tile and grout surfaces. Protect surfaces from common stains by using a STONETECH sealer such as STONETECH BulletProof® Sealer. Routine maintenance should follow with STONETECH Revitalizer® Cleaner and Protector or a neutral pH cleaner such as STONETECH Stone & Tile Cleaners. For tough or difficult to remove soil use STONETECH KlenzAll™ Cleaner, a nylon scrubbing pad or a long handled stiff bristle brush. For additional information, please refer to the Grout Guide, TDS 1400 and TDS 113 Cement Grout Care & Maintenance for more information.

† United States Patent No.: 6,881,768 (and other patents)

TECHNICAL SERVICES

Technical assistance

Information is available by calling:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

Fax: 07 3865 2250

Technical and safety literature

To acquire technical and safety literature, please visit our website at

www.laticrete.com.au

DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE® guidelines.
- The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.
- The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this specification.
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty. The use of LATAPOXY® 310 Stone Adhesive, LATAPOXY 300 Adhesive, SPECTRALOCK® PRO Premium Grout† and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

LATICRETE Australia Pty Ltd

29 Telford Street, Virginia

QLD 4014 Australia

1800 331 012

www.laticrete.com.au

† United States Patent No.: 6,881,768 (and other patents)