



**For the Builders
of a Better World™**

SPECTRALOCK® PRO PREMIUM NS GROUT

SPECTRALOCK PRO Premium NS Grout is a high performance epoxy grout which offers excellent colour uniformity, durability, stain and chemical protection. Sealing grout joints in an easy-to-use, non-sag consistency



FEATURES/BENEFITS

- Stain resistant*
- Chemical resistant
- Improved non-sag formula for walls and floors
- Uniform colour – no blotchiness or shading
- Easy to maintain, cleanable to original colour
- 45 minutes working time at 24°C
- Inhibits the growth of stain-causing mold and mildew in the grout joints with antimicrobial product protection
- Meets performance requirements of ANSI A118.3 – 1999
- Ideal for installations at wide temperature ranges
- Outperforms cement based grouts
- High fashion with Dazzle component
- Tough, durable and crack resistant

*Stain Resistant (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately

USES

- Ceramic tile, glass tile and stone applications, residential and commercial
- Interior and exterior on floors and walls*
- Ideal for re-grouting applications
- Swimming pools, fountains and other wet area applications

*Not for exterior facade

PACKAGING / COLOUR

4.2KG (Part A – 0.6kg ; Part B – 0.6kg ; Part C 1.5kg x 2),
80pails per pallet

MANUFACTURED / DISTRIBUTED BY

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
Taman Desa,
58100 Kuala Lumpur, Malaysia
Tel: +603 7989 9188 Fax: +603 7972 0331
Internet: <https://ma.laticrete.com>

Approximate Coverage

Refer to Coverage Chart

Actual coverage will vary depending on jobsite conditions, actual tile size and installed grout joint size. Add 10% for waste, spillage and clean-up, and another 10% - 15% when grouting unglazed quarry tile

Shelf Life

Factory sealed containers of this product part A&B are guaranteed to be of first quality for one (1) year* if stored at temperatures greater than 0°C and less than 40°C

**High humidity will reduce the shelf life*

Limitations

- Not for use in areas subjected to harsh chemicals, or areas exposed to aggressive cleaning regimens (e.g. steam cleaning). Not for use on floor and base areas in veterinary clinics, kennels, or in applications exposed to high concentrations of food and mineral acids or areas exposed to high temperatures. For these areas LATICRETE recommends using grout that meets ANSI A118.5 such as SPECTRALOCK® 2000 Industrial Grout
- Epoxy grout for ceramic tile and stone is not a replacement for a waterproofing membrane. When a waterproofing membrane is required, use a LATICRETE Waterproofing membrane
- Actual colour shade, and texture may vary due to jobsite conditions, installation technique and raw material. The colours of cured material may not match and in some cases differ considerably between the actual colours achieved on site. No responsibility can be accepted once the products have been applied. Rest assured that essential controls are taken during the production of the product colours
- Colour and gloss retention of the coating finish may vary depending on type of colour, subject to environmental exposures such as temperature, UV intensity, chemical spills, application quality and generic type of resinous finish. Contact LATICRETE Technical representative for further information
- SPECTRALOCK PRO Premium NS Grout† should not be used on floors and base in the food

preparation or cleaning area of commercial and industrial kitchen applications

- Stain resistant to common household cleaners, liquids and other goods. Clean all spills immediately. Stain resistant in residential installations only

Cautions

- Do not mix SPECTRALOCK PRO Premium NS Grout Part A or Part B liquids with SPECTRALOCK PRO NS Grout Part A or Part B liquids
- DO NOT add water or any other material to the mixture, or re-temper with water. This will have an adverse effect on the product and void all warranties
- Protect finished work from traffic until fully cured
- SPECTRALOCK PRO Premium NS Grout liquid components causes skin burns and serious eye damage. Avoid contact with eyes and skin
- Wear protective gear (gloves, long sleeve shirt, and safety glasses) when applying. Flush thoroughly with water in case of initial contact
- DO NOT ingest. Silica sand may cause cancer, respiratory irritation or serious lung problems. Do not breathe dust. Wear a respirator or dust mask. See SDS for more information
- Because propane gas heaters will cause epoxy grouts to yellow, refrain from using such heaters or properly vent all exhaust
- Keep out of reach of children
- Protect from freezing
- Light colour may darken and dark colours may fade slightly from direct UV exposure in exterior applications. Consult with LATICRETE Technical Service for specific exterior recommendations
- SPECTRALOCK Dazzle (Glow) not for use in submerged installation
- Maximum stain resistance is achieved in 7 days at 24C. Protect from exposure to acids (such as mustard, salad dressing etc.) and strong cleaners during this period
- Protect grout from dirt, construction debris and contamination for 7 days at 24C
- SPECTRALOCK PRO Premium NS Grout is an unsanded grout. Use of unsanded grouts in joints <2mm will result in a coarser surface compared to surfaces in wider joints
- Some soft polished marble or delicate glazed or glass tile might be scratched by SPECTRALOCK

† United States Invention Patent No.: 6881768 (and other Patents)

PRO Premium NS Grout during installation. Apply a small test area to determine results before grouting entire installation

- SPECTRALOCK® Dazzle (Glow) might discolour from strong alkali cleaners and acids. Use a neutral pH solution of soap and water when cleaning SPECTRALOCK PRO Premium NS Grout mixed with SPECTRALOCK Dazzle (Glow)
- In steam rooms or submerged applications, allow SPECTRALOCK PRO Premium NS Grout to cure for 10 days at 24C days before use of area and filling with water. See TDS 192 for more information on these applications
- Epoxy Resins may affect the colour of white or porous stones (such as White Carrara, Thasos White, Royal Danby etc)
- Test stones for compatibility with water and cleaning additive mixture
- Conduct a test area to determine compatibility with metal or steel tile

TECHNICAL DATA

Performance Properties

Test	Test Method	Results
Water Cleanability	ANSI A118.3	Water Cleanable at 60 minutes*
Initial Set Service Strength (7 days)	ANSI A118.3	> 2hours < 24 hours
Shear Bond Strength	ANSI A118.3	$\geq 7.0\text{N/mm}^2$
Vertical Joint Sag	ANSI A118.3	Pass
Quarry/Quarry Bond Strength	ANSI A118.3	$\geq 7.5\text{N/mm}^2$
Tensile Strength	ANSI A118.3	$\geq 7.0\text{N/mm}^2$
Thermal Shock	ANSI A118.3	$\geq 6.0\text{N/mm}^2$
Water Absorption	ANSI A118.3	$\leq 0.5\%$
Shrinkage	ANSI A118.3	$\leq 0.1\%$
Flexural Strength Under Standard Conditions	ISO 13007	$\geq 35\text{N/mm}^2$
Compressive Strength Under Standard Conditions	ISO 13007	$\geq 50\text{N/mm}^2$
Abrasion Resistance	ISO 13007	$\leq 48\text{mm}^3$

*For Glazed, smooth textured tile

Chemical Resistance* Chart

Chemical Name	Splash Exposure (30min)	Intermittent Exposure (24hours)	Continuous Exposure (7days)
Lactic Acid 5%	R	R	R
Acetic Acid 5%	R	R	R
Formic Acid 3%	R	R	NR
Sulfuric Acid 20%	R	R*	NR*
Ethanol 10%	R	R	R
Ethanol 95%	R	R	NR
Sea Water 3.5%	R	R	R
KOH 45%	R	R	R
Oxalic Acid 10%	R	R	R
Benzoic Acid 5%	R	R	R
Potassium Permanganate 10%	R*	R*	R*
Potassium Permanganate 1%	R*	R*	R*
Distilled Water	R	R	R
Mineral Water	R	R	R
Methanol	R	NR	NR
Isopropanol (Windex)	R	R	R
Chloroform	NR	NR	NR
Methylene Chloride	NR	NR	NR
Tartaric Acid 50%	R	R	R
Tannic Acid 50%	R	R	R
Sodium Hypochlorite (Bleach) 5%	R	R	NR
Xylene	R	R	R
Toluene	R	R	NR
MEK	R	NR	NR
*Grout colour might change			

*Material will stain due to exposure to these items

R = Recommended. NR = Not Recommended. Chemical Resistance determined in accordance with ASTM C267-1982

NOTE TO SPECIFIER: Use the constant exposure recommendations for intermittent exposure to reagents at temperatures above 32°C

Working Properties

Density – 1.8g/ml

Test Standard	Temperature			
		4°C	24°C	35°C
ANSI A118.3 E-5.1	Working Time	120min	45min	30min
WI 9.1.73	Tack Free Time	12hrs	4hrs	2hrs
WI 9.1.73	Ready for Light Foot Traffic	24hrs	12hrs	6hrs
WI 9.1.73	Ready for Heavy Foot Traffic	48hrs	24hrs	12hrs
WI 9.1.73	Dirt, Stain Resistance, Food Spills, Household Cleaners	14 days	7 days	3 days
WI 9.1.73	Full Cure	28 days	14 days	7 days

Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions

INSTALLATION

Please refer to the Method Statement from local LATICRETE office for detailed instructions of installations

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (MALAYSIA) SDN BHD warrants that SPECTRALOCK® PRO Premium NS Grout is free from manufacturing defect and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the terms and conditions

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
Taman Desa, 58100 Kuala Lumpur,
Malaysia
Telephone: +603 7989 9188
Fax: +603 7972 0331
Email: enquiry@laticrete.com.my

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>

DISCLAIMER

LATICRETE is not responsible for product use beyond its intended application. Liability is limited to replacing defective materials. We are not responsible for any loss or damages resulting from improper use. Product specifications are subject to change without notice. For the more up-to-date information, please visit our website at ma.laticrete.com