

What is First Base?

FIRST BASE is a superior base-coat sealer that gives floors a clear, protective coating which shields them from the harsh effects of traffic wear, spillages and weathering. Because it is water-based, FIRST BASE is odourless, non-flammable and environmentally responsible. It has excellent adhesion and stops surface dusting on concrete. FIRST BASE has a high resistance to UV light and is suitable for both interior and exterior applications (but is not suitable for outdoor timber decks exposed to the rain).

How Does It Work?

FIRST BASE forms a clear film of tough acrylic inside the surface of the floor. This film keeps dirt and spillages out and stops dust from rising out of concrete.

FIRST BASE is an excellent base coating because it fills the porosity in the floor and provides a smooth, even base for the topcoats to spread over. This dramatically improves the life of the film.

For Use On...

FIRST BASE is a clear, non-slip sealer designed for application to vinyl, timber, terrazzo, porous stone and concrete floors. Being water-based, it sets quicker than solvent-based sealers, so floors can return to service within hours. FIRST BASE is excellent in food storage areas where solvents are not permitted. FIRST BASE is a base-coat that is only to be used directly in contact with the bare floor surface.

Technical Data

Properties



COLOUR – Milky white liquid
ODOUR – Faint
pH = 8.0 ± 0.5
REMOVABILITY – Strippable but requires concentrated stripper.

Environmental Care



FIRST BASE conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage. FIRST BASE is non-flammable and water-based. FIRST BASE containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd., significantly reducing plastic usage and waste. They can also be recycled..

Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996

SAI Certificate No.: QEC7358

Slip Resistance

FIRST BASE passes the Slip Resistance Test under dry conditions as specified in AS/NZS 4586-1999. It gives a mean Dynamic Coefficient of friction of 0.90 which is well above the minimum requirement of 0.40.

VOC Content:

FIRST BASE contains 0.85 grams of Volatile Organic Compounds per litre. FIRST BASE therefore complies with 'green' standards which require the VOC content to be less than 7% (ie., 70 grams per litre).

Coverage

15 - 30 sq. metres per litre on concrete; 30-50 sq. metres per litre on timber and terrazzo.

Pack Sizes Available: 5L & 20L

Application

- Surface should be clean, unpainted and free from oil, grease, dirt and flaking matter. Formwork oils must be removed. Sweep floor to remove dust and debris.
- If necessary, scrub floor clean with HF or other Agar detergent. To remove loose and flaking material, use a wire brush or high pressure water jet cleaner.
- Timber floors should be stripped free from wax and acrylic polishes. Terrazzo should be fully stripped and rinsed.
- Allow all new concrete to cure for at least 28 days before sealing.
- On old concrete, remove all traces of mould, algae and fungi with BLEACH and rinse.
- Very smooth concrete may be etched with a dilute (5%) hydrochloric acid (Spirits of Salts) solution and rinsed thoroughly. This will produce better sealer penetration and bonding.
- Floors must be totally dry before applying FIRST BASE. This is **very important** to ensure good adhesion and clarity. If the floor is damp, the film may dry with a milky, hazy appearance. Also, the sealer may fail to bond properly to the floor.
- Apply FIRST BASE using a brush, short nap roller, paint pad or string mop. Do not pour FIRST BASE directly onto concrete. A polish applicator may be used on terrazzo and vinyl. Give floor a generous coating, but avoid puddling. The porosity of the floor will determine the actual coverage rate. Try to avoid generating bubbles. If bubbles are left, they must be broken before the sealer dries by dragging a clean, soft brush or broom across the wet film.
- After the first coat is touch-dry, it must be left for a further 15 minutes before the next coat is laid.
- Apply 1 coat (low-porosity floors) or 2 coats (porous floors), leaving floor to stand for 1 hour to dry between coats. Floor must be tack free before recoating.
- Indoor floors may be further topcoated with 2 coats of PALAZZO, TRAVERSO, 3D-GLOSS or 2020-GLOSS for extra protection and buffability.
- Allow to dry for 2-3 hours before allowing light traffic, or overnight (12-24 hours) before allowing heavy traffic to use the floor.
- Do not apply to very cold floors (10°C or less).
- Do not add water to this product.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.



The Chemistry of Cleaning™

FIRST BASE

Floor Sealer

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Product Data Sheet

Product Code: FIR

Issued: July 16, 2012

Clean Up

Rinse applicators & mops in hot or cold water before the sealer dries out.

Maintenance

FIRST BASE is UV resistant but may show a slight decrease in gloss after 12 to 18 months exterior exposure. It should then be scrubbed, rinsed and recoated.

FIRST BASE may be recoated at any time, (after cleaning.)

FIRST BASE offers good resistance to petrol, oils and spillages.

Regular maintenance should include cleaning up such spills by mopping or scrubbing with NOVADET DETERGENT.

FIRST BASE is not buffable. Where a high gloss is desired, we recommend top-coating the floor with 3D-GLOSS floor finish and buffing regularly.

Other suitable top-coat finishes include 2020 GLOSS, PALAZZO and TRAVERSO.

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