

What is First Base?

FIRST BASE is a superior base-coat polish 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).

Key Benefits

- ✓ Clear glossy finish
- ✓ Porous surfaces sealer
- ✓ Excellent on concrete, terrazzo and timber
- ✓ Protects floors against spills and wear
- ✓ Water-based

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 polish designed for application to vinyl, timber, terrazzo, porous stone and concrete floors. Being water-based, it sets quicker than solvent-based polishes, 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 basecoat that is only to be used directly in contact with the bare floor surface.

Acrylic sealers, like FIRST BASE, are not suitable for use on non-porous ceramic or porcelain tiles. Before attempting to seal such ceramic tiles, pre-test the sealer before applying it to the entire floor. To do this, lay two coats of FIRST BASE on one tile. When dry, stick adhesive packaging tape across the tile, press it down and then rip it off. If the sealer remains in place bonded to the tile, it is safe to use. If the polish peels off, the tiles cannot be sealed with FIRST BASE. Instead, STONE BLOCK can be used to seal this type of surface.

Technical Data

Properties



COLOUR – Milky white liquid
ODOUR – Faint
pH = 7.5 – 9.5
REMOVABILITY – Strippable but requires concentrated stripper.

COVERAGE – 5-30 sq. meters per litre on concrete; 30-40 sq. metres per litre on timber and terrazzo.

Slip Resistance

FIRST BASE passes the Slip Resistance Test under dry conditions as specified in AS 4663-2013. 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).

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 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

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 DETERGENT 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 polish penetration and bonding.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all 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.

- 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 polish 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 polish 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 not only be dry but also tack free before recoating.
- Indoor floors may be further top coated with 2 coats of 3D-GLOSS, MASTERPIECE or TUFF-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).

Disposal Information

1. Used solutions -

Used Solutions of FIRST BASE should be poured into a drain or trough that leads to the sewer system or a septic tank. These systems have a method for treating and breaking down the waste. Used solutions of detergent should not be poured into stormwater drains or down driveways as these drains are designed for rainwater and ultimately lead to the local river system.

2. Unused product

It is best to keep the product and use it up! If this is not possible, try to give it to someone who can use it. (Make sure the product is in its original, labelled container). If there is no alternative but disposal, it is safe to pour modest quantities of this product down the drain (to sewer) with running water. Leave the cold tap running for a few moments afterwards as this dilutes the product and reduces the concentration in the wastewater.

Remember, do not mix different cleaning products together during disposal!

3. Empty packaging

Bottles and drums

Our 5L and 20L bottles and drums are made from HDPE (polyethylene) or PET which can be recycled. You can dispose of these containers via the kerbside collection program or other recycling system. FIRST BASE containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd, significantly reducing plastic usage and waste.

Cardboard cartons

Used boxes should be flattened and recycled in OCC (old, corrugated cardboard) or mixed wastepaper recycling programs.

Clean Up

Rinse applicators & mops in hot or cold water before the polish 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 TUFF GLOSS, MASTERPIECE and DURO.

Available in: 5L, 20L



The Chemistry of Cleaning™

FIRST BASE

Floor Polish

Page 3 of 3

Product Data Sheet

Product Code: FIR

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