

BOOSTER

High quality concentrated tinting agent.

Product Information

Generic Type:Solvent Acrylic .

Coverage: 1ltr per 20ltr
Sealer will look like paint. 1/3 of a can for tinting coloured concrete.

Recommended Coats:
Apply with top coat of Sealer.

Application Temperature: 10 - 28°C

Application Method Broom, Roller, Brush or Spray

Dry Time: 30 minutes—2 Hours (touch dry)

Cure time:24 - 48 hours, full cure at 7 days.

Finish: Paint look 1ltr per 20ltr Sealer, tint look 1/3 can per 20ltr Sealer.

Packaging. 2lt,5lt,20lt,200lt

Physical Properties

Appearance Clear viscous liquid

Boiling Point (°C) 135- 145°C

Vapour Pressure (mm of Hg at 20°C) . .48 (Xylene)

Per Cent Volatiles 23 -24%

Specific Gravity (at 25°C) 0.98

Solubility in water (g/l at 25°C) Immiscible

FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point,..... 26°C Xylene

Fire Extinguishing Media Dry chemical, carbon dioxide.

Dangerous Goods Classification: 3.3

PRODUCT DESCRIPTION

Permacolour Booster is a concentrated tinting agent designed for tinting Permacolour Concrete Sealer. The Booster can be used to colour tint new and existing concrete surfaces or at full strength to completely colour the surface, giving a paint like finish.

SUITABILITY

- External horizontal concrete surfaces—drives, patio's, paths, walkways and walls
- Imprinted and coloured concrete, brick, stone interlocking pavers, exposed aggregate, stucco and keystone, as well as many other types of concrete flatwork

ADVANTAGES

- It seals and dustproofs the surface while providing resistance to water, tyre marking, scratching and marring in hot climates.
- It provides a deep rich look to any concrete finish.
- Offers a high resistance to acid, oil, grease, mildew and stains from organic matter.

INSPECTION

Surface must be structurally sound, dry, and free of oil, grease, curing agents, dirt, dust or other foreign matter. Surface must be opened up or porous. This product is designed for use over untreated concrete surfaces free from wax, dusting preventive sealers, deep penetrating sealers, bond breaking compounds and release agents and other similar chemicals that will interfere with proper adhesion and lead to premature coating failures.

SURFACE PREPRATION

Preparation of surface to be sealed with a Booster; for new coloured concrete wash down surface then acid wash with a solution of 1 litre Hydrochloric Acid to 6 litres of water. Ensure to wet the concrete down before acid washing. Apply with a watering can and broom around an area of about 10m² at a time and hose off. Repeat until total area is finished. If the surface has been stained in some areas a stronger solution may be required to reduce staining effect. Rinse and allow surface to completely dry, 24 hours depending on conditions.

Acid etching is a must and is required for one reason only, to ensure the sealer penetrates and adheres to the concrete.

For reseals, wash down the surface with Permacolour concrete cleaner, broom and hose. Never water blast a pre sealed surface as this can cause damage to existing sealer. For stubborn mould and lichen a strong cleaner is required. Allow to dry.

PRECAUTIONS

DO NOT apply over mildew. Mildew is a fungus, brown, black, grey or even white in colour, and will rapidly grow through any coating applied over it. A solution of Permacolour Moss, Mould & Lichen Killer will destroy the mildew. See precautions on bleach label for handling before using.

DO NOT thin sealer with anything other than Permacolour Concrete Sealer Thinners.

DO NOT apply to surfaces when ambient or surface temperatures are below 5°C .

IDEALLY concrete should be 14 days old prior to sealing with a added Booster.

DO NOT apply on hot windy days as this may cause bubbling of the sealer.

DO NOT apply to any surface if moisture is present.

DO NOT apply externally if rain is likely within 8 hours of application.

NOTE: Permacolour Concrete Sealer Booster may be used in a limited capacity on vertical surfaces when applied in thin coats. Heavy application on vertical surfaces may lead to dripping and streaking. Primary design applications are horizontal surfaces. Do not over apply. It is not to be used to water proof concrete.

APPLICATION INSTRUCTIONS

Apply the first coat of sealer uniformly with broom or spray equipment and in cooler conditions a roller can be used. Using rollers in hot conditions can create air voids in the sealer coat which can expand in the hot conditions forming air bubbles on the sealer surface. Add the required amount of Booster to the top coat of sealer. When applying the top coat of pigmented sealer, keep material stirred at all times to prevent settling of pigments. Avoid forming areas where the sealer is thicker in places as these areas may also bubble in hot conditions. Over application of sealer may cause slipperiness when wet. Two thin coats are better than one thick coat. In the heat of the summer, thin with Permacolour Concrete Sealer Thinners 5 to 10% to ease application. Note: Permacolour recommends the use of some form of slip reducing aggregate when sealing, particularly external or smooth surfaces. For this purpose Permacolour supplies Aluminium Oxide Grit, Glass Grit and Slip Reducer for use with Permacolour Concrete Sealer.

DRYING TIME/CURE TIMES

Dry time will depend on ambient temperatures and can vary from 30 minutes to 2 hours. You may need to allow 24 hours between coats in hot conditions. Allow 24 hours drying time prior to pedestrian traffic (48 hours for best results) and a minimum of 48 hours drying time prior to vehicle traffic. Sealer takes seven days to reach its full strength, the longer it can be left the stronger the surface will be before it is exposed to traffic.

COVERAGE

1ltr per 20ltr Sealer will look like paint. 1/3 of a can for tinting coloured concrete. The following ratios are a guideline, more or less can be added for desired look.

CLEAN UP

All equipment can be cleaned with Permacolour Concrete Sealer Thinners.

MAINTENANCE/LIFESPAN

Maintenance: Use Permacolour concrete cleaner to clean twice a year. Clean stains immediately. Avoid cleaning the surface with solvents. The expected life span of Permacolour Booster will obviously be affected by the location, weathering and traffic the concrete is subjected to. In exposed and heavy traffic areas re-coating maybe necessary after 2 years. In light use areas the coating will last for several years in as new condition. One major benefit of the acrylic sealer is the ease of re-coating. A simple clean to remove built up dirt and remove any loose sealer, will prepare the concrete for re-coating. The new coating is then applied directly over the old coating. No stripping is necessary, meaning a driveway can be put back into service much sooner. Never waterblast a sealed driveway.

WARRANTY

Permacolour products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification. The information contained herein is true and accurate to the best knowledge of Permacolour. Since we cannot anticipate all possibilities and conditions under which this information and our products may be used, Permacolour hereby accepts no responsibility and offers no warranty in the case of results achieved by the use of our products or of the safe use and suitability of these products. Permacolour offers our products for sale subject to, and "The Customer" and all users are deemed to have accepted our Terms and Conditions of Sale. We warrant our products to be free of manufacturing defects. If any product is found to be defective and was within storage/shelf life, Permacolour will replace the product at no charge to the purchaser. Permacolour makes no other warranty with regards to our products, either expressed or implied. Whilst any information provided by ourselves, both verbally or written, is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control. As all Permacolour technical data sheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

TECHNICAL DATA SHEET

REMOVAL

Booster can be removed along with the Concrete Sealer by using Permacolour Sealer Stripper. Alternative means of removal is by grinding.

SAFETY & HANDLING

Handling Precautions: Permacolour Booster should not be allowed to come into contact with skin or eyes, or be swallowed. Protective gear such as masks, goggles and barrier cream should be used. Ensure there is adequate ventilation and if working in enclosed areas a suitable breathing apparatus must be used. For further information please refer to the SDS.

Swallowed: If swallowed, may cause irritation to mouth, throat and stomach with effects including irritation to the tongue and lips and pain in the stomach. There is some probability that this product could be aspirated into the lungs and hence, if vomiting occurs this may lead to chemical pneumonitis.

Skin Contact: Harmful by skin contact. Will cause irritation to the skin, with effects including: Redness, itchiness, and drying/ defatting.

Eye Contact: May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Inhalation: Harmful if inhaled. Will cause central nervous system depression. May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache staggering gait, nausea and if the concentration of vapours is high enough, unconsciousness.

Fire: Permacolour Booster is flammable. Avoid all sources of ignition, heat and naked flames. Vapours may travel a considerable distance to source of ignition and ignite. In the event of a fire, extinguish with dry chemical or foam type extinguishers.

Flash Point: Permacolour Booster 26°C Xylene

Storage: Permacolour Booster should be stored in a cool, dry place away from sources of heat or naked flames. Two year shelf life, stored unopened.

KEEP OUT OF REACH OF CHILDREN!

* Contact Permacolour for additional storage and health details.

* MSDS available on request.

This product is classified as hazardous under HSNO criteria. Dangerous Goods Class: 3.

WARNING! SLIP AND FALL PRECAUTIONS

Permacolour recommends the use of angular slip resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Permacolour or its sales agents will not be responsible for injury incurred in a slip and fall accident. Please contact us for more information on slip resistant aggregate products.