

ATECH PLUS

Concrete Solutions

SAVVY DENSIFIER

Dust proofing and surface hardening treatment for concrete

Uses

Savvy Densifier is a unique blend of silicate and silicate polymer technology that penetrates deep into concrete surfaces and chemically reacts to produce an extremely dense and durable sealed floor.

Benefits

- Water based – easy clean up.
- Economical – good coverage.
- Ease of application.
- Improves abrasion resistance of concrete surface.
- Readily overcoated with other toppings such as line marking paint.
- Reduces surface dust generation for a cleaner work environment.
- Repels liquids including water, urine, drinks, etc.
- Prevents ingress of corrosive salts and attack on steel reinforcing.

Directions

Savvy Densifier is an impregnating solution based on reactive silicates which form hard wearing insoluble binder with the cement paste, resulting in a harder, more cohesive surface layer of concrete.

Other than regular housekeeping, no special maintenance is required. **Savvy Densifier** improves in appearance to become more attractive and lustrous over time.

Typical Properties

Colour	Clear liquid
Specific Gravity	1.10 gm/ml
Light Traffic @ 20°	6 hours
Wheeled Traffic	24 hours

Application

Preparation

The areas to be treated with **Savvy Densifier** must be free of oil, grease or surface coatings eg curing compounds, which may affect penetration of the product.

Priming

Priming is not required for this product.

Mixing

Savvy Densifier is supplied ready to use from the container.

Installation

Pour the **Savvy Densifier** onto the floor to be treated, and use a broom or squeegee to spread evenly across the surface. Maintain a wet appearance and make sure to recoat porous areas that soak up more material. After 30 minutes, brush the excess liquid onto the next untreated section of floor and repeat. Ensure that **Savvy Densifier** is not allowed to pool on the surface after treatment is completed.

Curing

Savvy Densifier is suitable for light traffic after 6 hours. Trafficable time is 24 hours.

CLEAN UP

All equipment should be cleaned immediately after use using water.

SUPPLY

Savvy Densifier is supplied in 20 litre poly drums. Coverage is approximately 4 – 6 m² per litre for the first coat and 5 – 7 m² for subsequent coats if required.

STORAGE

Savvy Densifier should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

PRECAUTIONS

Savvy Densifier is designed for use in ambient temperatures between 5° - 35° C and all properties listed above assume a temperature of 20°C. Where conditions outside this range are encountered, please consult our technical staff prior to application. It is recommended that **Savvy Densifier** be tested on a small section of coloured floors to ensure suitability of use. Do not use **Savvy Densifier** on floors that have been previously treated with a metallic surface hardener. Avoid splashes of **Savvy Densifier** onto aluminium or glass. Any splashes should be cleaned up immediately to prevent marking of the surface.

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by ATECH either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not ATECH are responsible for carrying out procedures appropriate to a specific application.

Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

Safety Precautions

Some products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

Exclusion Clause

1. The information contained in this data sheet is based on many years experience and is correct to the best of our knowledge. ATECH will be under no liability whatsoever whether in:
 - a) Contract or tort (including, without limitation, negligence)
 - b) Breach of statute
 - c) Any other legal or equitable obligation other than the quality of the product at the time of despatch.
2. Any queries about specification use or application should be directed to our technical service department immediately.
3. This exclusion clause does not operate to exclude any warranty that by law may not be excluded.



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