

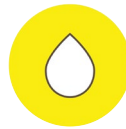
Weberfloor Lithium Densifier

Hybrid silicate densifier



Weberfloor Lithium Densifier is a blend of reactive silicates and additives that provide enhanced densification and stain resistance with easy-to-use hybrid silicate densifiers. It is ideal for open or porous concrete that readily accepts densifier and works equally well on both new and old concrete.

PRODUCT BENEFITS



**WATER
BASED**



**CHEMICAL
RESISTANT**



**ABRASION
RESISTANT**

USES

Weberfloor Lithium Densifier can be used to harden concrete surfaces, enhance resistance to staining, and improve scratch resistance. Additionally, it effectively locks in dyes for longer-lasting colour and prepares the surface for high-gloss diamond polishing.

ADVANTAGES

- Enhances colour, gloss, and clarity
- Prevents stains, darkening of concrete
- Odourless, non-flammable
- Penetrates rapidly for a deep seal
- Minimizes dust for healthier indoor air quality
- Reduces efflorescence and alkali silica reaction

TECHNICAL DATA & PHYSICAL PROPERTIES

Application	Spray and polish microfiber pad
Appearance	Clear liquid
Solvent	Water based

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Perform the primary grind using up to 200-grit resin or an equivalent resin-bond diamond. Remove all dust and debris with an automatic floor scrubber and fresh water. Allow sufficient time for drying.



Application - Polished Concrete

Spray Weberfloor Lithium Densifier in an overlapping circular motion. Lightly use a pad applicator fitted with a polish microfiber pad to spread it evenly across the surface; there's no need for vigorous scrubbing, and it won't form a gel. As it is absorbed into the surface, continue adding until the floor starts to reject the product. Allow the floor to rest for 15 minutes while spreading with a mop to avoid puddles. Allow sufficient time for drying. Then, proceed to grind with up to a 400-resin bond diamond or an equivalent. Apply an additional light application using a polish microfiber pad.

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PROCEDURE & APPLICATION



Application - Polished Concrete

Clean tools and equipment with water before Weberfloor Lithium Densifier dries. Immediately wash off overspray and unprotected surfaces with water. Allow some time to dry, then polish to the desired grit level, following the manufacturer's instructions for complete protection and enhanced appearance. Regularly clean the surface using an automatic floor scrubber with Cleaner, mixed with water according to the manufacturer's directions.



Application - High Speed Burnish

Auto scrub the surface with clean water. Apply the first layer of Weberfloor Lithium Densifier using a high-speed burnish with an 800-grit diamond, ensuring a wet edge is maintained. Spread the densifier evenly with a polish microfiber pad and allow some time for drying. Apply the second layer of Weberfloor Lithium Densifier using a high-speed burnish with a 1500-grit diamond-impregnated pad.

Follow the manufacturer's instructions for complete protection and to enhance the appearance. Regularly clean the surface using an automatic floor scrubber with polish cleaner, mixed with water according to the manufacturer's directions.

CONSUMPTION

Approx. 13 - 17 m²/litre. Actual coverage may vary based on factors such as concrete mixture, porosity, moisture content, and ambient conditions. It is advisable to conduct tests in specific areas to determine the appropriate application procedure and adjust the rate accordingly.

Note: Weberfloor Lithium Densifier is a concentrated treatment and may be diluted with clean water at a ratio of up to 1:1 when applied to high-quality, hard, dense, steel-trowelled concrete floors. For porous or lower-quality concrete substrates, or where the floor characteristics are unknown, the densifier should be applied undiluted at full strength to ensure optimum penetration and performance.

STORAGE & PACKING

Weberfloor Lithium Densifier is available in 5 kg sets.
Shelf life of 12 months if unopened, kept in dry conditions and at temperatures of 4°C to 41°C.

CLEANING

Clean the tools and equipment immediately after use with soap and water.

HEALTH & SAFETY

Good ventilation is required, if not, a portable exhaust fan shall be used. Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain reserves the rights to amend the contents of the data sheet at its sole discretion. (May '26)

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