

LINDOLIT® S

MOISTURE CURING LINDOLIT® S

Lindolit® S is a clear, solvent-based, modified acrylic, curing, sealing, and hardening compound for newly made concrete.

It is one component, ready-to-use, and resistant to most mild water rate solutions of alkali, acids and salts. It is easy to maintain, accepts abrasion from foot and vehicular traffic and is compatible with most floor covering adhesives. Lindolit® S forms a continuous membrane which is easy to clean, provides a glossy "wet look" to concrete.

Uses:

Lindolit® S is used as a sealing compound on exterior and interior horizontal and vertical surfaces to seal, harden and dust proof new concrete and masonry surfaces. Typical applications include warehouses, industrial premises, garages, parking decks, offices, commercial buildings, schools, hospitals and airport hangars.

Composition and colour:

Lindolit® S is a proprietary formulation of acrylic resins dissolved in a special blend of petroleum distillates. Lindolit® S is available only in a clear formulation.

Test results:

After 72 hours the loss is 468,8 g/m² which is less than the maximum allowed 550 g/m² according to ASTM C-156. During the first three (3) days the effectiveness fulfills the requirements of a minimum of 75%.

Laying instruction:

Lindolit® S does not require mixing. Do not thin or dilute. Apply Lindolit® S in a uniform, continuous film by airless sprayer, short napped mohair roller, lambs wool applicator, paint brush, rubber rake or soft bristled push broom. Apply a full, even coat of Lindolit® S to ensure complete, uniform coverage of the surface at a rate of 8-10 m² per liter ensuring complete and uniform coverage of the surface. Use a lambs wool applicator, roller or a rubber rake to pick up or remove puddles or excess material. If a higher shine is desired, a second coat may be applied. If the delay between the first and second coat results in contamination of the surface, the surface must be thoroughly cleaned before application of the second coat. The second coat should be applied as soon as the first coat has dried.

Drying:

The coated concrete can usually be opened to foot traffic in 8-12 hours, with maximum surface hardness developed within 7-10 days.

Clean-up instructions:

Clean tools and equipment with aromatic 100 or xylene immediately following use. Clean drips and over spray with solvent while still wet. If not cleaned immediately, the sealer may leave a residue on painted surfaces, glass or wood. Leave finished work and work area in a neat, clean condition without evidence of spillages onto adjacent areas.

Packaging:

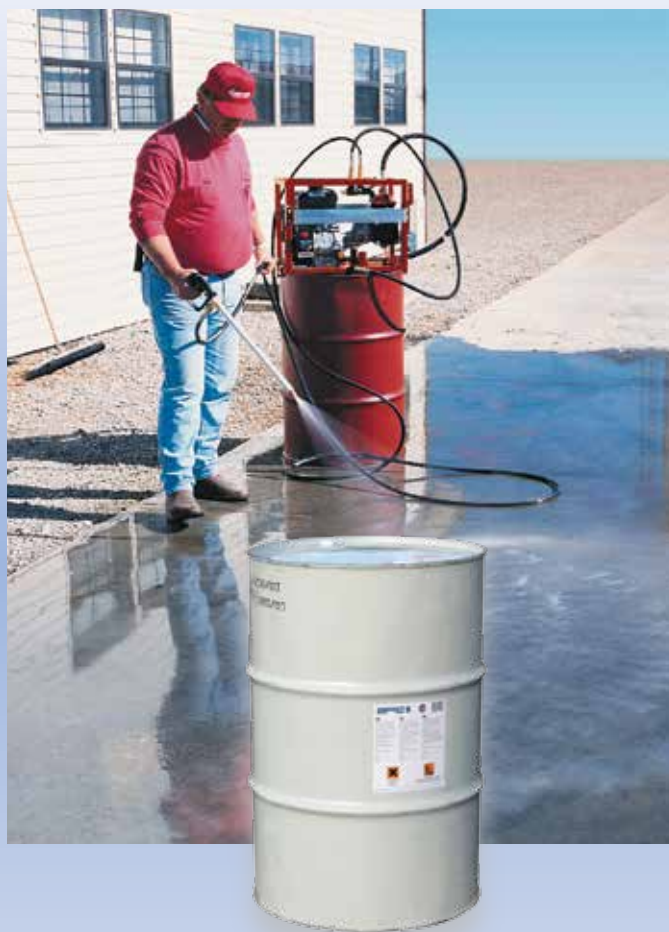
210 litre drums.

Storage and shelf life:

3 years properly stored at 10-25°C.

Cautions:

Lindolit® S is not recommended to seal voids, cracks or for use where hydrostatic pressure is present. Do not apply to exterior surfaces if rain is expected within 12 hours after application or in direct sunlight at ambient temperatures in excess of 30°C. A test application to evaluate appearance and performance is recommended. Do not apply to frozen or frost filled surfaces. Not recommended for asphalt surfaces. Certain adhesives may not bond to Lindolit® S. Always apply test area to confirm adhesion.



Environmental and safety precautions:

Lindolit® S contains petroleum distillates and is flammable. Keep away from heat, sparks and open flame. Keep containers closed until ready to use. Provide good ventilation. To prevent vapour build up and possible explosion, open all doors and windows and provide cross ventilation. Do not smoke. Solvent vapours can cause respiratory irritation. For respiratory problems, remove person immediately to fresh air. Contact may cause skin or eye irritation. Using respiratory devices, safety goggles and impervious gloves is recommended. Wash hands thoroughly with soap and water after handling and before eating or smoking. If ingested, do not induce vomiting and call a physician immediately. For eye contact, flush immediately with water for 15 minutes and consult a physician immediately. Do not rub eyes. Protect shrubbery, plants and grass during application. Protect asphalt, rubber and plastic surfaces from spills and over spray. Read material safety data sheets before use and keep away from children and animals.

Material properties @ 24°C:	
Density (weight/litre)	0,850
Viscosity, cps	300
Flash Point	43°C
Tukon hardness	>10
ASTM C1315 test results	
Coverage rate, m ² /litre	8-10
Solids, %	>25
Dry time, hrs.	1-3
UV exposure	Meets Class B and C Requirements
Water loss, kg/m ²	< 0.35
Acid/Alkali resistance	Meets Requirements

This specification describes the proper procedures for curing freshly placed concrete surfaces using an acrylic curing and sealing compound. Lindolit® S - acrylic curing and sealing compound are clear, transparent, ready-to-apply compounds formulated in a blend of special acrylic copolymers.

Properly cured concrete will have reduced shrinkage cracks, dust less, increased surface hardness and be more durable and more wear resistance.

When used as a curing compound Lindolit® S promotes proper hydration by reducing moisture loss from the concrete. For outdoor concrete curing the use of a proper curing and sealing compound is particularly important due to variations of temperature, relative humidity and wind conditions, all of which effect moisture rate of evaporation.

Before applying Lindolit® S to entire surface, test a small area to verify that product is providing the desired moisture retention, penetration ability and finish appearance (shine).

Delivery, storage and handling:

Deliver the Lindolit® S in their original package which is approved for this material. Store the Lindolit® S in a locked room away from children and animals in a temperature between 10 and 25 °C.

Do not apply material if the floor is frozen or if freezing conditions are a fact. Do not apply if rain is expected within 12 hours. Finished equipment and surfaces shall be masked for protection. Mask off adjoining surfaces and close off drains. If two applications will be made; surfaces cannot be contaminated between coats. Protect sealed surfaces during drying from traffic, damage and contamination.

Provide adequate forced air ventilation!

Avoid contact with eyes and skin; do not inhale. Prolonged or repeated exposure may cause skin irritation or allergic reactions. Wear goggles, NIOSH and MSHA approved respirators, rubber gloves, and appropriate clothing.

ab lindec® endeavours to provide correct information about technical properties and handling of its products. However, while ab lindec® has no control over the way in which the products are mixed and laid, or the conditions under which they set, ab lindec® can in no way be held responsible. ab lindec® is only responsible for the quality of the products at the time of delivery.