



NEWLOOK

NewLook International, Inc. SmartSeal AU-34™

Technical Data Sheet

SmartSeal AU-34™ is a water-based, nano-acrylic-urethane, 34% solids sealer. SmartSeal AU-34 is designed for use over NewLook SmartColor™ and other NewLook concrete color stains, properly prepared concrete floors, pool decks, and other new or old concrete and masonry surfaces. SmartSeal AU-34 is breathable, VOC<20 g/l, will not blush or yellow and dries quickly to a satin or gloss finish. It has strong abrasion and chemical resistance, good hot/wet tire pickup resistance, and will resist discoloration from dirt and most common spills. The sealer will enhance the color of the substrate when applied in two coats and is formulated for exterior and interior use. SmartSeal AU-34 covers well over substrates previously treated with latex coatings and acid stains. Great for surfaces that require a higher-end, yet cost-effective finish and holds up very well to traffic such as retail stores, restaurant floors, industrial floors, garages, etc. Also performs very well over decorative concrete including stained and stamped concrete, overlays, natural/manufactured stone, concrete counter tops, pavers and exposed aggregate.

BENEFITS

- Very strong durability
- Interior/Exterior Protection, non-yellowing
- Excellent blush and early water resistance
- Short dry time & Very low odor
- Excellent exterior exposure/weathering; resists UV rays
- Covers well over NewLook stains and other water-based or acid stains
- Excellent Chemical resistance - Product passes a 1 hour stain test on dirty motor oil and brake fluid
- Alkaline and efflorescence resistant
- Provides awesome color enhancement
- Early block resistance; reduces dirt pickup
- Great Hot and Wet tire pickup resistance
- Easy application and cleanup
- Meets or exceeds environmental regulations
- Faster application and facility use - as production does not have to be shut down in order to apply the product

PREPARATION PRIOR TO APPLICATION

- The following preparation methods must be used to achieve a concrete surface profile of CSP 1 or 2 as described by ICRI guidelines
- Surface must be completely clean and dry. All debris, loose concrete, coatings, dust, grease, paints, oils, release, wax, etc. must be removed
- At a minimum, proper pressure washing is required to help open concrete pores and remove obstructing particles, which includes, but is not limited to: dust, dirt, and curing residue. If pressure washing is not an option, such as interior areas, alternative preparation methods may be required: light acid – (use EcoAcid™ or QuickEtch™), grinding, stripping, etching, wet vacuuming, etc. If muriatic acid is used, flush the surface with clean water and neutralize
- Allow surface to dry up to 24 hours to assure moisture is not trapped under the surface
- Remove chalky or loose paint, rust, loose mil scale, mildew, or any other contamination or condition that would adversely affect the performance of SmartSeal AU-34
- Newer concrete (up to 4 years old) should be lightly acid washed with EcoAcid™, followed by pressure washing. New concrete should be treated differently because the curing or hydration process can affect the adhesion of any coating and requires more preparation to combat these issues: discoloration, dusting, efflorescence, etc.
- Use a hot or cold water pressure washer with NewLook Concrete Degreaser™ when oil or other types of stains are present
- For use on overlayment and micro toppings, follow the manufacturer's curing and preparation guidelines. If overlayment or micro topping has already set, lightly clean the surface. If overlay is not porous and/or a release has been used, a light acid wash with EcoAcid/Degreaser is required.
- TIP: Strain product before using in sprayer or sprayer equipment to avoid potential clogging.

APPLICATION PREREQUISITES

- Protect walls and adjacent areas where sealing is not desired.
- Do not use when hydrostatic pressure is excessive.
- Test concrete for efflorescence, dusting or spalling.
- Check weather for suitability; avoid application in high humidity (80% relative humidity), when rain is possible or when too hot or too cold.
- Apply a job site test sample for approval.

MIXING AND APPLICATION INSTRUCTIONS

1. Mix thoroughly before using, especially the Satin.
2. Apply thin, even coats using a brush, low-nap roller, microfiber pad, or airless sprayer with 0.013-0.015" tip size. If over-application occurs, immediately brush or roll out.
3. Apply coating only when air and surface temperature is between 50°F (10°C) rising and 90°F (32°C) and cooling.
4. Apply second coat after first is clear, no longer tacky and dry to the touch.
5. Mix NewLook Slip-Resistant Grit™ with product to increase traction.
6. SmartSeal AU-34 dries to a clear finish either Gloss or Satin. Recommend two thin coats for optimal protection.

CURING AND POST APPLICATION

Complete drying times will vary depending on concrete temperature, air temperature, humidity, concrete porosity, and other local conditions. At 77°F (25°C) and 50% relative humidity:

- Dry to the touch: 30 to 45 minutes.
- Completely Dry: 60 to 90 minutes.
- Initial cure time: 8 to 12 hours.
- Full cure time: 7 – 14 days.

- Note: Lower temperatures and/or higher humidity will increase cure time.
- Maintain dry during cure time.
- Keep foot traffic off for 4 to 8 hours.
- Wait up 24 to 48 hours before driving or parking vehicles.

MAINTENANCE

- Regular cleaning with NewLook Concrete Cleaner is recommended. Lightly scrub the area with a window washing brush or mop. Rinse thoroughly with clean water and allow the area to dry.
- The sealed surface should be inspected periodically for thin or traffic-worn areas. Reapply product as needed with a maintenance application.
- It is common practice to apply a wax finish over SmartSeal AU-34 to increase the protection and longevity of the surface.
- Apply additional coatings of SmartSeal AU-34 as needed. Re-apply Sealer after maintenance applications of NewLook Concrete Color Stains.

STORAGE

- Store in a safe, dry place.
- Unused portions of SmartSeal AU-34 can be stored for future use. Always keep container tightly sealed.
- DO NOT allow product to freeze.
- Shelf life is approximately 12 months.

LIMITATIONS

- It is HIGHLY recommended to wait 48 hours before driving and parking vehicles on a new application of SmartSeal AU-34. The heat and/or chemicals from tires may cause delamination if sealer is not sufficiently hardened. Brand new or high-performance tires may require waiting for a longer period of time.
- Do not apply when heavy condensation, hydrostatic pressure, or high moisture can occur. This compromises sealer and substrate bond. It is the responsibility of the installer to perform a calcium chloride and/or relative humidity test when suspicion of high moisture or excessive alkalinity may be present. NewLook is not responsible for failures due to the presence of moisture vapor emissions or high levels of alkalinity.
- Inconsistencies in jobsite conditions, mixing and application methods, finishing techniques, curing methods or other local conditions may produce variations in final appearance and adhesion of finished product.
- Will not repair cracks or patches, or prevent all foreign material from soiling the substrate.
- Adhesion problems will occur if used on any surface that will prevent product from penetrating and bonding to the concrete substrate, including soiled, sealed, dusting, spalling, or painted surfaces.
- Product must not be applied when the temperatures are falling below 50°F or rising above 90°F.
- Do not apply on non-porous surfaces such as glazed ceramic tile, quarry tile, marble, terrazzo, dense brick, or dense slate
- Salt-water pools when chemically imbalanced may cause delamination or white powder deposits. As such regular maintenance is recommended.

CAUTION

KEEP AWAY FROM CHILDREN AND ANIMALS. Before using or handling, read the MSDS and Product Instructions. DO NOT CONSUME. Avoid contact with eyes and skin. Wear rubber gloves, protective clothing and safety eye goggles. Use good hygiene when handling this product. It is recommended that you wash and bathe after each use.

PACKAGING AND COVERAGE

*Coverage is based upon surface porosity, texture, temperature, and method of application.

Product	Bucket Size	Approximate Coverage (Sq Ft.)
SmartSeal AU-34, Gloss/Satin finish	1 or 5 Gallon	250 – 400 SF Per Gallon (Unsealed Surfaces)
	1 or 5 Gallon	400 – 600 SF Per Gallon (NL stained or Sealed Surfaces)

WARRANTY

NewLook International, Inc. SmartSeal AU-34 is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. Product is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of Product, therefore no other oral or written representation or statement of any kind, express or implied, now or hereafter made is authorized or warranted by NewLook International, Inc. or its affiliates, and NewLook International, Inc. and its affiliates hereby disclaims all such warranties, including those of merchantability or fitness for a particular purpose. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven to be defective. NewLook International, Inc. shall not be liable for special, incidental, or consequential damages, including delays or lost profits. Communication of this warranty and its limitations to end-users is not the responsibility of NewLook International, Inc. but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall be responsible for determining Product's suitability and assumes all risks and liability.