



packaging

classic sealer



1. Product Name

ASH GROVE PRO® Classic Sealer
Product Number: 454

2. Manufacturer

ASH GROVE PACKAGING GROUP
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3. Product Description

ASH GROVE PRO® CLASSIC SEALER is a high performance compound designed to provide high gloss sealing qualities that are resistant to yellowing from ultraviolet exposure.

BASIC USE:

Recommended for sealing:

- Sidewalks, driveways, patios, steps, pool decks - any concrete surface
- Colored concrete installations
- Exposed aggregate concrete
- Kolorstone or similar deck coatings
- Stamped concrete

COMPOSITION & MATERIALS:

ASH GROVE PRO® Classic Sealer is a uniformly blended mixture of acrylic resins and low VOC solvents for increased penetration into the concrete substrate.

4. Advantages/Benefits

ASH GROVE PRO® Classic Sealer has several advantages including:

- Excellent resistance to dirt penetration
- Gloss finish
- Extremely tough
- Interior or exterior application
- Resists staining
- Resists water and most other liquids
- UV stable

5. Preparation

Remove dust or dirt from concrete surface needing to be sealed. No other preparation is needed for new concrete surfaces. For existing concrete, clean surface by power-washing or acid washing. Thoroughly rinse surface and allow to dry. Remove any paints, oils, etc. before applying Kolor-classic Sealer.

6. Mixing Instructions

Use ASH GROVE PRO® Classic Sealer straight from the container. Do not dilute.

7. Placement

Placement is done with the use of a medium nap paint roller. Two uniform coats are recommended to insure a well sealed surface. Allow at least 2-4 hours between coats. Do not allow the sealer to puddle. More coats may be added if a glossier finish is desired. Three coats are recommended for interior pool surfaces.

ASH GROVE PRO® CLASSIC SEALER will enhance and/or darken colored concrete surfaces.

8. Curing

ASH GROVE PRO® CLASSIC SEALER dries to the touch in a couple of hours. Complete cure takes seven days at 70° F and above.

9. Technical Information

Weight/Gallon	7.53#/gal
Viscosity, Gardner Holt	A2-A1
Dry through time at 78° F 40% RH.	14 minutes
Dry through time at 40° F 80% RH.	40 minutes
Initial gloss 20°	86.6
Initial gloss 60°	96.6
QUVn gloss loss 20° d% 150 hrs.	-1
QUVngloss loss 60° d% 150 hrs.	-1
QUV yellowing index dB 300 hrs.	0.37
Water retention ASTM C 1315	PASS
Sward Rocker ASTM D2134	46
Pencil Hardness ASTM D3363	B
Taber Abrasion ASTM D4060	
(Grams loss/100 cycles) CS 17/250	0.04

(7 day ambient cure, 4 hour spot test)

Anti freeze 50/50 with water	5
Diesel fuel	4
Vinegar	5
10% Hydrochloric acid	5
10% Sulfuric acid	5
10% Sodium Hydroxide	5
Paint Thinner	2
Bleach	5
Power Steering Fluid	5
5% Salt Water	5
50% Ethanol	5
409 Cleaner	5
Motor Oil	5
Hydraulic Fluid	5
Vegetable Oil	5

RATINGS: 5 (NO EFFECT) TO 1 (DESTROYED)



classic sealer (cont.)

10. Limitations

- Use adequate ventilation
- Wear protective gloves and goggles
- Surface must be clean and dry
- Do not use in freezing temperatures or on frozen substrates
- Keep away from flame sources

11. Coverage

- 1 gal. container
- 5 gal. container

Coverage will vary depending on the substrate and the type of surface texture. Typically, the first coat will cover 150 square feet per gallon. The second coat will cover approximately 250 square feet per gallon. Stamped concrete coverage averages 200 square feet per gallon and exposed aggregate averages 200 square feet per gallon.

12. Warning

ASH GROVE PRO® Classic Sealer vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Eliminate potential sources of ignition (no smoking, flares, sparks, or flames in immediate area). Stay upwind and keep out of low areas. Shut off source of leak if safe to do so.

Use only with adequate ventilation. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Avoid contact with eyes, skin and clothing. Do not take internally. Normal safety wear such as protective clothing, boots, rubber gloves, eye safety glasses should be worn while handling product. Follow respirator manufacturer's directions for respirator use. Wash thoroughly after handling. Material Safety Data Sheets are available upon request or at www.ashgrovepkg.com.

First aid: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. Do not induce vomiting. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

13. Limited Warranty

Packager, having no control over the use of the material, does not guarantee finished work. Replacement of any defective product or refund of the purchase price of defective product shall be the buyer's sole remedy under this warranty.

THIS LIMITED WARRANTY EXCLUDES ANY LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT OR SPECIAL DAMAGES.

EXCEPT FOR THE LIMITED WARRANTY MADE ABOVE, PACKAGER SPECIFICALLY DISCLAIMS AND EXCLUDES ANY OTHER EXPRESS WARRANTY, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF GOODS AND ANY IMPLIED WARRANTY OF FITNESS OF GOODS FOR ANY PARTICULAR PURPOSE.

Ash Grove Packaging reserves the right to change specifications without notice.