

Concentrated Concrete Cleaner

Durável ECP is a concentrated combination of detergents, degreasers and acids used to clean and profile unsealed concrete substrates in preparation for overlayments, stains, and coatings. Durável ECP can also be used to clean sealed surfaces in preparation for a fresh coat of sealer. The product is safer to use than muriatic acids, and when diluted with rinse water will not harm most plants or aquatic life. Using Durável ECP also saves labor cost as there is no need to neutralize the substrate following preparation work.

Typical Uses:

Chemical concrete preparation solution used on

- Interior and exterior concrete
- Driveways, walks and patios
- Loading docks and ramps
- Entrances and store fronts
- Porches and balconies

Product Advantages:

- Safer than muriatic acids
- Clean and profile in a single step
- Saves labor cost
- Pleasant odor
- Concentrated formula provides a wide range of uses

Coverage:

Usage will vary with application. Typically, one diluted gallon of product will clean and profile 250-300 square feet of concrete.

Storage:

Use, store, and transfer product only within acid-resistant plastic containers. DO not use aluminum or any other metal container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Mixing:

- Mix ratio varies by application
- Concentrated, dilute with water

Application Temperature:

32° to 90° F (7° to 32° C)

VOC:

Less than 50 g/L

Packaging:

1 Gallon Jugs
5 Gallon Pails

FOR PROFESSIONAL USE ONLY

Technical Data Sheet

Directions for Use:

Mixing Instructions:

Dilute with potable water. Pre-measure water and Durável ECP prior to mixing. Always add Durável ECP to the water to minimize the risk of splashing and harm. Tighten container lids after each use. For general cleaning use more water, for more aggressive cleaning use less water. Typical dilution rates are:

- General Cleaning, four parts water to one part ECP (4:1)
- Precast Concrete and laitance removal from new concrete, three parts water to one part ECP (3:1)
- Normal cleaning and etching prior to overlays and sealers, two parts water to one part ECP (2:1)
- For difficult stains or maximum etching may be used undiluted

Always perform a test in an inconspicuous area to ensure that the surface is not damaged by the cleaning process before proceeding.

Application Instructions:

Remove excess dirt and contaminants from the surface prior to use of Durável ECP to increase effectiveness.

Exterior:

Remove dirt and other contaminants using a pressure washer fitted with a zero-degree rotating “turbo tip” nozzle. If substrate is dry, dampen with a mist of water and continue wetting as needed during product application. Apply blended product via pump-up sprayer or trigger sprayer. While product is wet agitate the surface with a push broom or brush, then use pressure washer to rinse thoroughly clean. Do not allow the product to dry on the surface prior to rinsing. Protect adjacent surfaces, as needed.

Interior:

Remove dirt and other contaminants by appropriate means. If substrate is dry, dampen with a mist of water and continue wetting as needed during product application. Apply blended product via pump-up sprayer or trigger sprayer. While product is wet agitate the surface with a push broom, brush, rotational floor scrubber, or auto scrubber. Use plenty of water to thoroughly rinse, remove rinse water using floor squeegees, wet-dry vacuum or auto scrubber. Do not allow the product to dry on the surface prior to rinsing. Protect adjacent surfaces as needed.

Do not use on metals, especially on aluminum. Product may produce flammable hydrogen gas if applied to aluminum, particularly aluminum foil. Product will damage stainless steel, galvanized metal, and magnesium.

Clean Up:

Clean tools and mixing vessels with water. Capture all concentrated product runoff as necessary to protect downstream surfaces.

Slip Resistance Disclaimer:

Notice: The Occupational Safety and Health Administration (OSHA) and the American Disabilities Act (ADA) has set enforceable standards for slip-fall protection on walking surfaces. The ADA standards are the more stringent and require a minimum coefficient of friction (CoF) on level walking surfaces 0.6 and on ramped walking surfaces of 0.8. The system applicator/end user assumes all responsibility for providing a flooring system that meets all current safety standards. Neither Durável nor its selling agents will be responsible for any injury that may be incurred in a slip-fall accident.

Technical Data Sheet

Furthermore, Durável recommends the use of slip-resistant aggregate in all coatings or floor systems that could possibly be exposed to wet conditions or become contaminated with oils, grease, or other lubricants.

Disposal:

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

Shelf Life:

Generally one year from date of manufacture in original, unopened packaging stored at room temperature. Shelf life may be extended with reasonable care and protection during storage.

Limitations:

This product is not intended for public use and is intended for use by qualified contractors and installers with proper experience and training in the use of these products, and that have read the complete safety data sheet. Apply product only when substrate and ambient temperatures are within the accepted range.

Warranty:

IMPORTANT!

Before using all Durável products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT Duravel.com FOR THE LATEST VERSION

Disclaimer:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Durável assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Durável assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety precautions are followed.

Technical Data Sheet

Safety Instructions:

May be corrosive to metals. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/ eye protection/ face protection. May be corrosive to metals. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/ eye protection/ face protection. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse. Absorb spillage to prevent material damage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive resistant container with a resistant inner liner. Dispose of contents/ container to an approved waste disposal plant.

DANGER!

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN : Wash with plenty of soap and water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



Always Review SDS & Technical Data Prior to Use

REV 12.19.2022