

ECO₂ Method Bulletin 1404



The ECO₂ Carpet Cleaning System from Multi-Clean is a low moisture system that encapsulates soil for easy removal leaving no residual. Hydrogen peroxide supplies oxygen (O₂) to help destroy odors and power out soils, leaving carpets looking and smelling fresh.



Encapsulating polymer captures and surrounds dirt.

Cleaned carpets are quickly put back into service.

O₂xygen power destroys malodors and removes soil.



Interim Carpet Cleaning



Step 1

Start by vacuuming the carpet to remove loose soils.



Step 2

Apply diluted (1:10) ECO₂ to a manageable area using a pump up sprayer. A gallon of diluted product covers approximately 800-1000 sq. ft.



Step 3

Wait 2-5 minutes.



Step 4

Agitate area using the P12 machine equipped with black soft brushes. The counter rotating brushes help insure cleaning of the entire carpet fiber.



Step 4 - Optional
A conventional floor machine equipped with a carpet brush or spin bonnet can also be used in place of a cylindrical machine.



Step 5

Allow carpet to dry - a carpet blower may be used to speed drying. Return to service when dry. Vacuum according to normal schedule.

ECO₂ is extremely economical to use. One case (4 gallons) will clean up to 44,000 sq. ft. of carpet.

Deep Carpet Cleaning



Step 1

Start by vacuuming the carpet to remove loose soils.



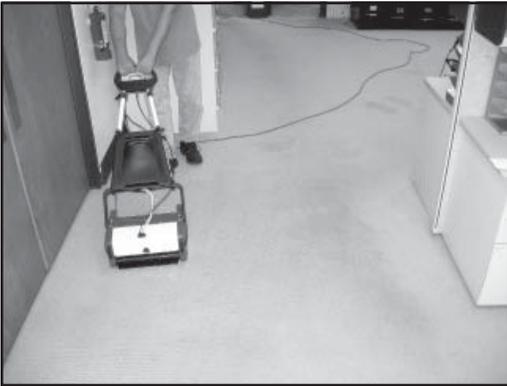
Step 2

Apply diluted (1:10) ECO₂ to a manageable area using a pump up sprayer. A gallon of diluted product covers approximately 800-1000 sq. ft.



Step 3

Wait 2-5 minutes.



Step 4

Agitate with a cylindrical brush machine equipped with soft black nylon carpet brushes. The counter rotating brushes help insure cleaning of the entire carpet fiber.



Step 5

Using a carpet extractor, scrub and rinse cleaned area.



Step 6

Use an air mover to speed drying of cleaned area.

IAQ - The ECO₂ System is beneficial to Indoor Air Quality. The system effectively cleans carpet without harmful solvent (VOCs), and the hydrogen peroxide helps safely destroy odor causing bacteria, leaving carpets naturally fresh. The encapsulation technology in ECO₂ leaves the carpet virtually free of contaminants.



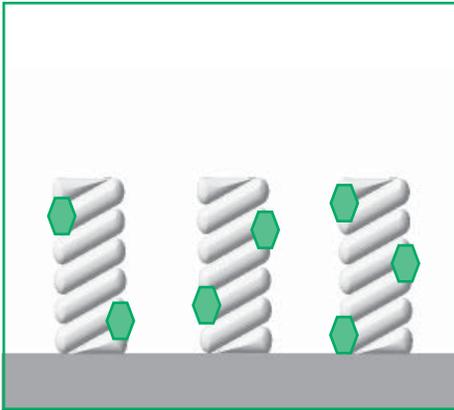
ECO₂ meets criteria for environmentally preferable products.

- ✓ All components (except polymers) are readily biodegradable.
- ✓ Hydrogen Peroxide breaks down to oxygen and water.
- ✓ Contains no phosphate, APE surfactants, butyl solvents.
- ✓ No carcinogens or reproductive toxins.

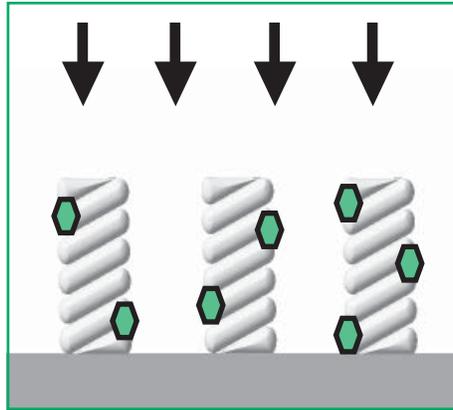
ECO₂ Brush or Bonnet System

Fresh and clean carpets are faster and easier than ever before.

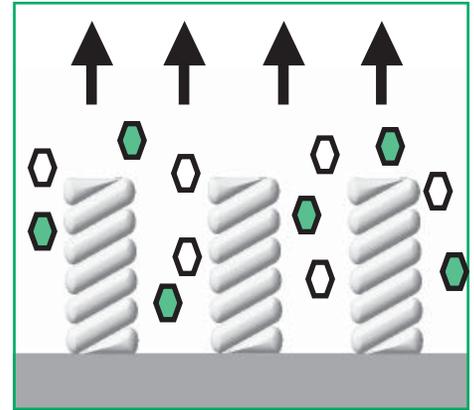
Here's how it works...



Soil particles and greasy dirt attach to carpet fibers.



ECO₂ surrounds and encapsulates dirt and greasy soil.



Vacuuming breaks up encapsulated soils and detergent for easy pick-up.

ECO₂ works well for both interim and deep cleaning of large areas.

Here's the Benefits...

> Encapsulation of Soils

Clean Carpets that Stay Clean Longer - Encapsulation technology uses a crystalline polymer that surrounds soils and detergent residues. When the carpet is dry, the brittle polymer fractures, creating residue that is easy to vacuum, leaving carpets virtually free of contaminants. That means no rapid re-soiling of the carpet. Contaminant free carpet means NO sticky residue that can promote re-soiling, allowing carpet to stay clean longer.

> Low Moisture

Dramatically Reduce Downtime - Return carpets to service is as little as 1 hour. Use a cylindrical brush machine equipped with nylon brushes or a conventional floor machine with a carpet brush or spin bonnet to work ECO₂ into the carpet.

> Fresh Carpets

O₂xygen Attacks Stains and Freshens Carpets - Odor causing bacteria, mold and mildew, can proliferate in carpets under the right conditions, causing malodors. The Oxygen in ECO₂ allows for color safe bleaching of stains and the ability to destroy odors in carpets so that they look AND smell