

TECHNICAL INFORMATION SHEET ECOFORCE FLOOR MAINTAINER

Code No. 11510



INTRODUCTION

Ecoforce has been accredited with the European Ecolabel. Ecolabel is only gained once products have passed through a rigorous independent testing procedure. They are verified to have lower environmental impact, be better for health and contribute to a sustainable economy over the full life cycle of the product. For further information visit <http://ec.europa.eu/environmental/ecolabel>.

ECOFORCE FLOOR MAINTAINER

A combination of slip resistant polyethylene wax and surfactant to maximise cleaning efficiency. **Ecoforce Floor Maintainer** is an extremely versatile routine floor maintainer, able to clean, polish and deodorise in one operation.

The best results are achieved when **Ecoforce Floor Maintainer** is used for regular maintenance of all common floor surfaces which have been sealed or treated with an emulsion polish. Alternatively, the product may be used directly on the floor in those areas where the prior use of a polish may be unacceptable.

Ecoforce Floor Maintainer is suitable for either mopping followed by dry burnishing or the use of spray maintenance techniques. In each case the dilution may be varied within a clearly defined range - to take account of the differences in the floor surface, the level of soiling or personal preference. It is important not to exceed the maximum recommended strength, since this may adversely affect the performance of the product.

The pH of the concentrate under typical analysis is 7.0.

DIRECTIONS

Always wear appropriate protective clothing and read product label and material safety data sheet before use. If in doubt, always conduct a trial area to establish results.

In order to obtain the best results, floors should initially be treated with the appropriate seal or emulsion polish. Consult the respective Technical Information Sheet for further details.

1. FLOOR MOPPING TECHNIQUES

Before any floor maintenance task is carried out the floor should be swept or vacuumed to remove dust and litter. A dust mop sweeper or dry vacuum is recommended.

1.1 Wet Mop Sweeping (Damp Mopping): A routine maintenance technique using a well wrung out mop for lightly soiled floors and for spot mopping.

METHOD: Use one bucket with gear wringer or colander. Wet mop and wring out tightly to remove any excess solution before use. Rinse mop frequently and change solution when required.

1.2 Single Solution Mopping (Routine): A daily maintenance technique for light-medium soiled areas. Wet mopping loosens and removes dirt, which has settled on the floor.

METHOD: Use a double bucket unit, one bucket for clean solution, the other left empty underneath the gear wringer to collect the dirty solution picked up from the floor. Always wring out the soiled mop before re-depositing into the clean solution and leave the floor as dry as possible.

On completion of single solution mopping, the floor should be allowed to dry and the residual film burnished with a high speed rotary machine. Use a bassine brush or red pad.

1.3 Single Solution Mopping (Initial): Where floors may require an initial boost or after periods of prolonged wear and tear, a one-off treatment of a stronger dilution may be acceptable.

NOTE: Heavily soiled floors may require cleaning with **Ecoforce Heavy Duty Cleaner**. Refer to the appropriate Technical Information Sheet for details of this procedure.

2. MAINTENANCE TECHNIQUES

Maintenance considerably improves standards and can achieve cost savings. It also localises the cleaning operation, enabling daytime cleaning to be carried out in busy areas. Each of the two techniques described requires a rotary machine with red, blue or maroon floor pads. Although a standard speed machine may be used the full potential of this system will only be achieved with a high speed machine and the appropriate pad. The simplest and most reliable method of applying chemical is to use a hand held trigger spray.

2.1 Spray Burnishing: A frequent operation designed to toughen the polish film and improve the depth and level of gloss. Resistance to slip, scuffing and rubber heel marks is also increased. Spray burnishing will remove all but the most severe stains and heel marks. The operation is designed to be carried out on a daily, twice weekly or weekly basis.

METHOD: Apply a fine mist of solution to the floor and, whilst still damp, burnish the area (3-5m²) until dry. When a satisfactory standard has been achieved move on to the adjacent area and continue. Use a high speed machine with a red pad. On completion of the operation the floor should be swept with a dust mop sweeper to remove residual dust unless the machine is fitted with a vacuum unit.

2.2 Spray Cleaning: A less frequent operation to remove ground-in dirt and stubborn heel marks which would not be completely removed by spray burnishing. Spray cleaning is restricted to these areas and is carried out weekly, or as necessary, to rejuvenate floors which are regularly spray burnished or maintained with an Ultra High Speed machine.

METHOD: The method of application is similar to spray burnishing although a more aggressive floor pad is used. Use a high speed machine with a blue pad. A maroon pad may also be used. Sweep with a dust mop sweeper after the operation unless the machine is fitted with a vacuum unit. Subsequently revert to spray burnishing or ultra high speed burnishing.

NOTE: Ultra High Velocity Burnishing: A specialised system for large areas of floor treated with metallised emulsion polish. The regular use of **Ecoforce Floor Maintainer** with an ultra high speed machine and UHV floor maintenance pads will produce a "wet-look" mirror finish. Rapid hardening of the surface film will be achieved, with a corresponding increase in durability and resistance to slip, scuffing, heel marks and soiling. UHV burnishing may be carried out dry or in conjunction with a trigger spray as with normal spray burnishing.

2.3 Combined Scrubbing and Drying: This method utilises a combined scrubber/drier for the regular machine cleaning of large areas of hard or resilient flooring, particularly in areas where time may be limited.

METHOD: Mix the product with warm water in the solution tank of the machine at the appropriate dilution and commence scrubbing with nylon pads or brushes as recommended by the machine manufacturer. Edges and corners may require an edging tool or mopping unit. Burnish thoroughly once dry using a high speed machine and soft red pad.

APPLICATION AND COVERAGE

Use the following chart to determine the correct dilution rate to be used for the cleaning task indicated. However, depending on the age, condition and type of surface as well the nature and degree of soilage, the dilution may be adjusted accordingly.

As an aid to budget and operational planning, use the figures below which represent the approximate coverage in square metres obtained from 5 Litres of product when used at the recommended dilution rate for the task indicated.

| CLEANING TASK | DILUTION RATE | COVERAGE (in m ²) |
|--|------------------|-------------------------------|
| 1. FLOOR MOPPING TECHNIQUES | | |
| 1.1 Wet Mop Sweeping | 1:150 | 3750 |
| 1.2 Single Solution Mopping (Routine) | 1:150 | 3750 |
| 1.3 Single Solution Mopping (Initial) | 1:40-1:60 | 1000-1500 |
| 2. MAINTENANCE TECHNIQUES | | |
| 2.1 Spray Burnishing | 1:40-1:80 | 10000-300000 |
| 2.2 Spray Cleaning | 1:40-1:80 | 10000-300000 |
| 2.3 Combined Scrubbing/Drying | 1:150 | 3750 |

ALWAYS conduct a trial area with your chosen dilution to establish results.

NOTE: One square metre equates to 10.764 square feet.

MIXING THE REQUIRED SOLUTION

Use the following chart to mix the appropriate cleaning solution for each specific cleaning task.

| | 1:40 1 PART PRODUCT TO 40 PARTS OF WATER | | | 1:60 1 PART PRODUCT TO 60 PARTS OF WATER | | | 1:80 1 PART PRODUCT TO 80 PARTS OF WATER | | | 1:150 1 PART PRODUCT TO 150 PARTS OF WATER | | |
|---------------------------|---|----------------|-----------------|---|----------------|-----------------|---|----------------|-----------------|--|----------------|-----------------|
| | 0.5 LITRE TRIGGER SPRAY | 5 LITRE BUCKET | 10 LITRE BUCKET | 0.5 LITRE TRIGGER SPRAY | 5 LITRE BUCKET | 10 LITRE BUCKET | 0.5 LITRE TRIGGER SPRAY | 5 LITRE BUCKET | 10 LITRE BUCKET | 0.5 LITRE TRIGGER SPRAY | 5 LITRE BUCKET | 10 LITRE BUCKET |
| PRECISE AMOUNT OF PRODUCT | 12.5 ml | 125 ml | 250 ml | 8.5 ml | 84 ml | 167 ml | 6.25 ml | 62.5 ml | 125 ml | 3.5 ml | 34 ml | 67 ml |
| MEASURING JUG | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | |
| PUMP DISPENSER | 1/2 | 5 | 10 | 1/2 | 3 1/2 | 7 | 1/2 | 2 1/2 | 5 1/4 | | 1 1/2 | 3 |
| CAP OR BALL | 3/4 | 6 1/4 | | 1/2 | 4 1/4 | 8 1/2 | 1/2 | 3 | 6 1/2 | | 1 3/4 | 3 1/2 |

PRODUCT SELECTION

Use the following chart to determine whether **Ecoforce Floor Maintainer** is suitable for the various floors indicated. Where doubt exists seek technical advice or conduct a suitable trial on part of the area.

| RECOMMENDED | MAY BE USED BUT SEEK TECHNICAL ADVICE FIRST | NOT RECOMMENDED |
|-------------------------------------|---|-------------------|
| Floors treated with Emulsion Polish | | |
| Thermoplastic | Concrete (smooth) | Unsealed Wood |
| Vinyl Asbestos | Granolithic | Unsealed Cork |
| Vinyl | Quarry Tiles | Unsealed Granwood |
| Linoleum | Asphalt | |
| Rubber | Magnesite | |
| Sealed Wood | | |
| Sealed Cork | | |
| Sealed Granwood | | |
| Sealed Concrete | | |
| Sealed Asphalt | | |
| Sealed Magnesite | | |
| Terrazzo | | |
| Marble | | |

HEALTH AND SAFETY INFORMATION

Appropriate Health and Safety Information is detailed on the individual product label or relevant material safety data sheet.

Urgent professional advice regarding First Aid may be obtained by contacting the nearest regional centre of the National Poisons Information / Service (NPIS), where all products are registered.

SHELF LIFE

The shelf life of this product is 24 months when stored in unopened original containers at ambient temperature.

PACKAGING

2 x 5 litre Polythene Containers

Ecoforce Code No. 11510

No liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products, or from the use of the implied of freedom from patent rights. Prospective users should, therefore, satisfy themselves by appropriate trials that the product to be used is suitable for the intended use and that such will not infringe any patent.

We continue to reserve the right to alter designs of any product as part of a further process of improvement and products supplied may therefore vary from those detailed on this Technical Information Sheet.

QUALITY APPROVALS



Cert No. 0947290



BS EN ISO 9001 / 14001

All products manufactured to Ecoforce formulations are processed conforming to appropriate standards within the Quality System described in the Quality Manual and comply with the requirements of ISO 9001 / 14001.

Other products from the range are:-

| | Code |
|---|--------------------------|
| Multi-Purpose Concentrated Detergent | 2 x 5 litre 11500 |
| Heavy Duty Multipurpose Cleaner | 2 x 5 litre 11501 |
| Catering Cleaner | 2 x 5 litre 11502 |
| Toilet Cleaner | 2 x 5 litre 11503 |
| Toilet Cleaner | 12 x 750ml 11504 |
| Hand Soap | 2 x 5 litre 11505 |
| Washing Up Liquid | 2 x 5 litre 11506 |
| Washing Up Liquid | 12 x 750ml 11507 |
| Window & Glass Cleaner | 2 x 5 litre 11508 |
| Window & Glass Cleaner | 6 x 750ml 11509 |
| Washroom Cleaner | 2 x 5 litre 11511 |
| Natural Moisturising Hand Sanitiser | 2 x 5 litre 11512 |
| Natural Moisturising Hand Sanitiser | 16 x 250ml 11513 |
| Natural Moisturising Hand Sanitiser | 24 x 50ml 11514 |
| Natural Moisturising Hand Sanitiser | 50 x 10ml 11517 |

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