

# ESP - Waterbased Easy Surface Prep



## Added Stick For Glossy Surfaces

Owatrol Water-Based ESP (Easy Surface Prep) is a special blend that prepares and primes the surface all in one.

ESP gets high gloss surfaces ready for painting quickly and easily – negating the need, for the dusty dirty and laborious job of sanding. ESP provides a ‘micro priming’ bonding film that paint really sticks to.

Just 2 hours after applying ESP you can be painting over it with any oil or water-based paint, assured in the knowledge that it won't peel.

Easy on the hands and odourless, Owatrol ESP is the easy, quick and effective way to prepare any non-porous surface whether interior or exterior and being odourless makes it ideal for confined areas

With ESP, paint can be applied direct to ceramic and glass surfaces, as well as to baked enamels, lacquers, plastic, melamine and many, many more non-porous surfaces

- **Coverage:** 18m per litre
- **Drying Time:** 2 hours
- **Size:** 1ltr
- **Application:** Lint Free Cloth

**Note:** You can wait up to 7 days before painting

### TIPS

- For greasy or waxed surfaces apply cleaning solution using a green scourer
- If ESP crawls or separates then surface is not clean.  
- Remove ESP and re-clean surface
- For added protection water-based paints maybe over coated with one or two coats of acrylic varnish if desired



Paddington Station. London. Mural of Thames Train painted onto melamine boards using ESP

## Ideal For:

**Melamine**

**Glass**

**Painted & Varnished Surfaces**

**Plastic**

**Ceramic Tiles**

**And Many, Many More**

Igoe International Ltd. Unit 12, Enterprise Centre, 25 Greenhill Crescent, Watford. WD18 8XU

Tel: 08450 618899 Fax: +44 (0) 1923 219144

Email: [sales@igoeinternational.com](mailto:sales@igoeinternational.com) Website: [www.igoeinternational.com](http://www.igoeinternational.com) : [www.owatrol.uk.com](http://www.owatrol.uk.com)

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<p><b>Printed</b> February 08</p>	<p style="text-align: center;"><b>ESP</b> <b>Easy Surface Prep</b> (Water-Based) <b>Technical Data Sheet</b></p>	
<p><b>Description</b> ESP is a special blend of Alkyd acrylics and surfactants that prepare and prime the surface all in one, negating the need for the dusty, dirty and laborious job of sanding. By leaving a thin film on the surface, ESP provides a firm bond for the paint to stick to – quickly and easily. Easy on the hands and virtually odourless, it is a clean, effective and easy way to prepare any non-porous surface for painting, thereby saving on time and labour</p> <p><b>Where to use ESP</b> ESP may be used on any non-porous surface whether interior or exterior, where it is difficult, time consuming or not possible to abrade the surface i.e. ceramics, glass, baked enamels, paint, varnish, lacquers, plastic, melamine, radiators and many other non-porous surfaces.</p> <p><b><u>TECHNICAL DATA</u></b></p> <p><b>Finish:</b> N/A <b>Freeze Thaw:</b> N/A <b>Shelf Life:</b> 2 years <b>VOC:</b> Does not exceed 29gms/ltr (0.29%) <b>Flash Point:</b> &gt;100°C <b>Temperature Application:</b> 5°C – 35°C</p> <p><b>Coverage</b> 18m<sup>2</sup> per litre</p> <p><b>Drying Time</b> 2 hours. ESP is dry, when surface looks dull or if running side of little finger lightly over the prepared surface it feels rough – not slick</p> <p><b>Note</b> Good ventilation and air movement will aid the drying of ESP</p> <p><b>Application Method</b> Lint free cloth</p> <p><b>Limitations</b> ESP is compatible with any paint where clean up is specified as white spirit or water <b>Do not</b> overcoat ESP with products containing “hot solvents” i.e. 2 pack epoxy, 2 pack polyurethane, cellulose, xylene and urethane coatings</p> <p><b>Note</b> ESP provides a surface that paints will stick to; it will not improve the inherent strength of the paint applied. Emulsion/Acrylic paints are manufactured for porous surfaces where they dry into the surface. When applied to a non-porous surface these paints will be dry within the specified time but will take longer to reach full strength (fully cure). The result is a slightly soft paint film for several days after finishing painting. To give added strength we recommend using a coat or two of clear acrylic varnish.</p> <p><b>Sizes</b> 1 ltr</p>		

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<p><b>Directions for use:</b></p> <p><b>SURFACE PREPARATION</b> Remove any loose or flaking old finish Clean surface thoroughly with warm water and detergent or sugar soap. For greasy, waxed or varnished surfaces, scrub thoroughly with a green scourer using one of the above solutions Rinse surface thoroughly Dry with a clean cloth</p> <p><b>APPLICATION</b> Apply ESP liberally with a clean, dry, lint free cloth. <b>If ESP “crawls” or “separates”, the surfaces is not clean. Wipe off ESP and re-clean according to above directions before re-applying ESP</b> Allow to dry</p> <p><b>Note</b> Once ESP is dry you can wait for up to 7 days before painting. After this time re-apply ESP following the directions above</p> <p><b>Clean Up</b> Soap and Water Cloth and paper saturated in ESP must be dipped in water, before disposing with household waste</p> <p><b>Good Application Practice</b> Cover everything you do not wish to treat For those with sensitive skin the wearing of rubber gloves is recommended</p> <p><b>Health and Safety</b> Material Safety Data Sheets for this and all other Owatrol/Flood products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.</p> <p><b>Availability</b> ESP is available through quality paint stores</p> <p>For further information please contact the address below</p>		

<p><b>Printed</b> February 08</p>	<p style="text-align: center;"><b>ESP</b> <b>Easy Surface Prep</b> (Water-based) <b>Frequently Asked Questions</b></p>	
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**What is ESP?**

It is a special blend of Alkyd Acrylics and surfactants that prepare and prime the surface all in one. ESP provides a firm bond for the paint to stick to - quickly and easily. There is usually no need to sand or prime the surface; ESP does it in one simple operation.

**How is it best applied?**

Using a clean, dry lint free cloth and liberally applying it, as if “washing” the surface. If you have damaged or sensitive skin, we recommend wearing rubber gloves.

**How do I know I have done it right?**

When dry ESP leaves a slightly grainy texture on the surface. On glossy surfaces, it gives the appearance that the gloss has dulled or you may even see a rainbow effect on the surface. If in doubt re apply.

**What can it be applied to?**

Any non-porous surface such as, melamine, formica, plastic, glass, ceramics – tiles, paint and varnish, stainless steel, enamel and many other surfaces even radiators

**What can be applied on top of ESP?**

Any water based or oil based paints and varnishes. If the paint clean up is with water or white/mineral spirit it will be OK on ESP.

**What shouldn't be applied on top of ESP?**

Two pack epoxy, two-pack polyurethane, hot solvent based i.e. Xylene and most cellulose paints are not compatible with ESP.

**What if ESP 'crawls or separates' when applied?**

In these cases the surface was not clean. Wipe off ESP, re-clean surface and re-apply ESP ensuring it is fully dry before starting to paint.

**What if the paint 'crawls or separates' when applied?**

In these cases the surface was not clean or the ESP not dry. Remove all coatings, re-clean surface and re-apply ESP ensuring it is fully dry before starting to paint.

**How soon can I paint?**

Normally it is 2 hours, however good ventilation and air movement will aid and in some cases even speed up the drying. Once ESP is dry, you can wait for up to 7 days before painting, after that, the surface should be re-cleaned and the ESP re-applied. To check if ESP is dry run side of little finger lightly over the ESP prepared surface, if it feels slick it's not dry, if doesn't then you can paint.

**How strong is the finish?**

All paints remain a little soft for a period after application, how long depends on the paint, in general 2-3 days for oil paint and up to 30 days for water based paints depending on number and thickness of coats applied. Generally oil based paints are recommended for high wear areas.

**How can I protect the finish?**

Water based paints are easily protected with an acrylic glaze. The result will be a durable, tough and practical surface. Acrylic glazes (varnishes) are available in various sheen levels.

**How should I dispose of the rag?**

Soak rags with water and dispose of with household waste. Brushes can be cleaned with warm water and soap

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation:**

Name: WATERBORNE ESP.

Product code: ESP01.

**Company/undertaking identification:**

Registered company name: Produits DURIEU S.A..

Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.

Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.

**Emergency telephone: + 33 (0)1.45.42.59.59.**

Association/Organisation: O.R.F.I.L.A.

**Use of the substance/preparation:**

Easy Surface Prep.

### 2 - COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous substances present on their own:**

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

### 3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

### 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

### 5 - FIRE-FIGHTING MEASURES

Not relevant.

**Suitable extinguishing media:**

Foam, CO2, Dry chemical.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:**

The combustion of the plastic container may cause some discomfort.

### 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

**Environmental precautions:**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**Methods for cleaning up:**

Clean preferably with a detergent, do not use solvents.

## 7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

### Handling:

Keep containers tightly closed.

Avoid getting on skin or in eyes when handling product.

### Fire prevention:

Prevent access by unauthorised personnel.

### Storage:

Opened container must be thoroughly closed and kept in vertical position.

Do not keep in metallic container because of corrosion.

Keep away from freezing and from high temperatures.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

### Technical measures:

Personnel shall wear regularly laundered overalls.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### General information:

Physical state: fluid liquid

### Important health, safety and environmental information:

pH of the substance or preparation: slightly basic.

When a pH measure is possible, it has a value of: 8.50 .

Boiling point/boiling range: not specified.

Flash point interval: Flash point: > 61°C

vapour pressure: not specified.

Density: > 1

water solubility: Dilutable.

### Other information:

melting point/melting range: not specified.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not specified.

% VOC: < 30 g/l

## 10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

## 11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

### In the event of exposure by inhalation:

Refer to §4 "FIRST AID".

### In the event of swallowing:

Refer to §4 "FIRST AID".

### In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

### In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

### Other data:

Formula sent to the I.N.R.S.

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## 12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

### 13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

#### **Waste:**

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### **Soiled packaging:**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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### 14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

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### 15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

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### 16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

#### **Full text of risk phrases appearing in section 2:**