

# FERROWLAC<sup>®</sup>

*Planet move to more **GREENERY***



## **Non Toxic** **FOOD GRADE PAINTS**

Total heavy metal free

Volatile organic compound free

Cyanide free

Ferrow Chemicals (Pvt.) Ltd. provides technical consulting on the food processing areas and it's surrounding more attractive.

### **Ferrow Chemicals (Pvt) Ltd.**

No. 213/5, Richmond Hill Rd, Galle, Sri Lanka. Tel/fax: +94 91 2241260

| E mail :- ferrowchem@yahoo.com | ferrowchem@gmail.com | Web: www.ferrowlac.com |

HotLine :- +94 77-6746648

Ferrow Chemicals (Pvt) Ltd is established in 2008 under the address of 213/5, Richmond Hill Road, Galle, Sri Lanka. We providing heavy duty floor coatings systems with single source of responsibility for their end users. We have experience more than 50,000 m2 applied.

### Our vision

Planet move to more greenery

### Our mission

We supply materials for human commodity manufacturing areas become more greenery

# Food Safety and Hygienic



In food processing chain food safety and hygienic condition is the key figure of any business to be more successful.

At the quality standard of food (HACCP/ISO 22000/GMP) mainly determine the food safety and hygienic condition of any food processing chain.

We are producing non toxic food grade coating for food & pharmaceutical factories.

It's mainly,

- Heavy metal free
- Volatile organic compound free
- Cyanide free

## Heavy metal free

Heavy metal is harmful to human beings. They have 8 type of heavy metal in the nature such as Lead, Mercury, Arsenic, Antimony, Selenium, Chromium, Barium, Cadmium. Our products are free from all these elements.

## Volatile Organic Compound

Volatile organic compound (VOC) are organic chemicals that have a high vapor pressure at ordinary room temperature.

U.S. Environmental Protecting Agency (EPA) declared that indoor air quality 4 times polluted than the out door air quality because of VOC. Our products are free from this element.

## Cyanide

Cyanide is highly poisonous. Our product free from these elements.



# Non Toxic FOOD GRADE PAINTS Target Areas

- Soft drinks producing Factories
- Meat processing Factories
- Milk and dairy product processing Factories
- Fish, seafood processing Factories
- Cereals and concentrates processing Factories
- Fruit, vegetable processing Factories
- Confectionary producing Factories
- Chocolate producing Factories
- Pharmaceutical producing Factories
- Coconut processing Factories
- Spices processing Factories
- Hospitals
- Tobacco processing Factories
- Wine, beer, alcohol manufacturing factories
- Tea manufacturing, processing, blending & packing Factories
- Toy Factories
- Hotels

# Floor Coatings

**Non Toxic** food grade heavy duty floor coatings

Recommended for apply on factory floors.

Coating with 1 mm thickness (1000  $\mu\text{m}$ )

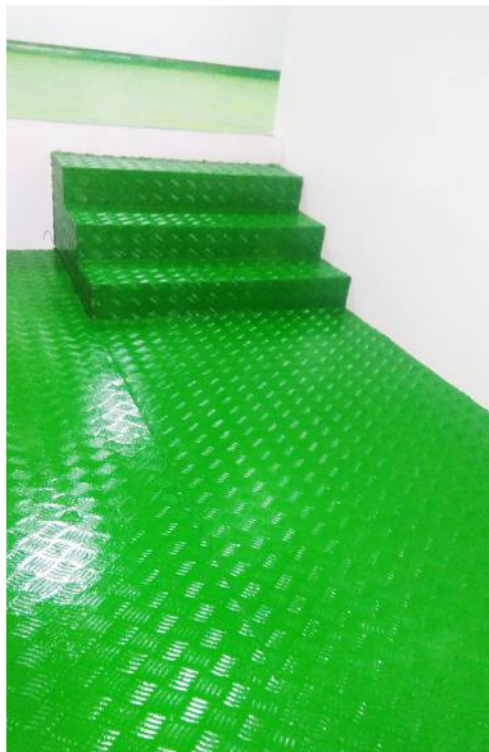




# Multi-use coatings

## Non toxic food grade multiuse coatings

Recommended for apply on  
steel, wood, cement and concrete walls.



**Certification obtained by  
our company**

**SGS****TEST REPORT****DATE : 25/07/17****Sample No. : SL:GL:8660021277**

Report No. : 8665022333

JOE No. : 1766106302

**SAMPLE NOT DRAWN BY SGS LANKA (PVT) LTD., SRI LANKA****SAMPLE IDENTIFIED AS : PAINT****COMPANY NAME****ADDRESS****CITY****COUNTRY****SAMPLE DESCRIPTION****SAMPLE CONDITION****SAMPLE QUANTITY****CUSTOMER APPL NO.****SAMPLE RECEIVED ON****JOB START DATE****JOB END DATE**

Ferrow Chemicals (Pvt) Ltd

16 D, Avisawella Road, Weliswita

Kaduwell

Sri Lanka

SAMPLE IDENTIFIED BY THE CUSTOMER AS: FERROW/LAC MULTI USE PAINT

REF: BASE

SAMPLE RECEIVED IN A GLASS BOTTLE

300 ml

NOT GIVEN

14-July-2017

14-July-2017

25-July-2017

TESTS	PROTOCOL	RESULT
TOXIC ELEMENTS	ASTM F963-11	NOT DETECTED (LRL 5mg/kg)
CADMIUM [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 0.15mg/kg)
CHROMIUM [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
ARSENIC [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
MERCURY [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 50mg/kg)
BARIUM [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
ANTIMONY [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
SELENIUM [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
LEAD [TOTAL]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
LEAD [SOLUBLE]	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)

\*\*\*\* End of Report \*\*\*\*

Page 1 of 2

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Customer or by a third party acting at the Customer's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained only for 90 days (dry samples), 7 days (perishable samples) and 14 days (water samples subject to chemical analysis) from the date of report. Water samples subject to microbiological analysis will not be retained after issuing the report.

SGS Lanka (Pvt) Ltd

Microbiology Lab 2<sup>nd</sup> Fl, 141/6 Vauxhall St.  
Chemical Lab 1<sup>st</sup> Fl, 141/7A Vauxhall St.  
Regd. Office 3<sup>rd</sup> Fl, 140 Vauxhall St.

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Member of the SGS Group (SGS SA)

Company No. PV 19226



**SGS****TEST REPORT****DATE : 25/07/17****Sample No. : SL:GL:8660021278**

Report No. :8665022334

JOE No. : 1766106302

**SAMPLE NOT DRAWN BY SGS LANKA (PVT) LTD., SRI LANKA****SAMPLE IDENTIFIED AS : PAINT**

**COMPANY NAME** Ferrow Chemicals (Pvt) Ltd  
**ADDRESS** 16 D, Avisawella Road, Weliwita  
**CITY** Kaduwela  
**COUNTRY** Sri Lanka

**SAMPLE DESCRIPTION**

**SAMPLE IDENTIFIED BY THE CUSTOMER AS:** FERROWLAC MULTI USE PAINT  
**REF:** HARDNER  
**SAMPLE RECEIVED IN A GLASS BOTTLE**

**SAMPLE CONDITION**

300 ml

**SAMPLE QUANTITY**

NOT GIVEN

**CUSTOMER APPL NO.**

14-July-2017

**SAMPLE RECEIVED ON**

14-July-2017

**JOB START DATE**

25-July-2017

**JOB END DATE**

TESTS	PROTOCOL	RESULT
TOXIC ELEMENTS	ASTM F963-11	NOT DETECTED (LRL 5mg/kg)
CADMIUM (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 0.15mg/kg)
CHROMIUM (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
ARSENIC (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
MERCURY (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 50mg/kg)
BARIUM (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
ANTIMONY (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
SELENIUM (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
LEAD (TOTAL)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)
LEAD (SOLUBLE)	ASTM F963-11	NOT DETECTED (LRL 10mg/kg)

\*\*\*\* End of Report \*\*\*\*

Page 1 of 2

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SGS Lanka (Pvt) Ltd

Microbiology Lab 2<sup>nd</sup> Fl, 141/6 Vauxhall St.  
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 www.sgs.com

Member of the SGS Group (SGS SA)

Company No. PV 19226



Page 1 of 3

**Report No:**

(7418)262-0186(SL)

**Applicant:** Ferrow Chemicals (Pvt) Ltd.

**Address:** No. 213/5,  
Richmond Hill Road,  
Galle,  
Sri Lanka.

Attn: Mr. W. D. S. Abeywickrama

**Sample Description:**

02 No. of approximately 100ml liquid samples contained in sealed glass bottles submitted by the client.

**Label Detail:**

Ferrowlac Multiuse Paint Base  
Ferrowlac Multiuse Paint Hardner

**Date Received:**

Sep 19, 2018

**Date of Issuance:**

Sep 28, 2018

**Test Requested:**

**Cyanide Content**

Photo of the Submitted Sample



Bureau Veritas Consumer Products Services Lanka (Pvt) Ltd.  
 100, Galle Road, Katubedda, Sri Lanka.

**Bureau Veritas Consumer Products**  
No. 570, Galle Road, Katubedda, Sri Lanka.  
Tel: (9411) 2350111 Fax: (9411) 2622198 / 9  
E-mail: [bvcps.lanka@lk.bureauveritas.com](mailto:bvcps.lanka@lk.bureauveritas.com)

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# TEST REPORT

Sep 28, 2018

(7418)262-0186(SL)

Page 2 of 3

Report No:

## TEST RESULTS

### CYANIDE CONTENT

No.	Sample	Results	Unit	LOQ	Test Method
01	Mixture of base & hardener (1:1 ratio)	ND	mg/kg	0.1	Modified Picric Acid Method

Note:  
mg/kg: milligrams per kilogram  
ND: Not Detected


Remark:  
One part of the hardener was added to one part of the base and stirred well. Mixture was tested using modified Picric acid method.

### Contact information for this report (Technical and General Inquiries and Feedback)

GENERAL INQUIRIES:	TEL: +94 112 350 111	E-MAIL: RSM.Lanka@lk.bureauveritas.com
AYOMI KULATHUNGA		
TECHNICAL INQUIRIES:	TEL: +94 774 151 768	E-MAIL: rohitha.gunaratna@lk.bureauveritas.com
ROHITHA GUNARATHNA		
FEED BACK:	TEL: +94 768 229 479	E-MAIL: dhanuka.perera@lk.bureauveritas.com
DHANUKA PERERA – QA Executive		

BUREAU VERITAS CONSUMER PRODUCTS SERVICES LANKA (PVT) LTD  
AUTHORIZED SIGNATORY

REVIEWED BY: AYOMI KULATHUNGA

APPROVED BY:   
ROHITHA GUNARATHNA  
MANAGER-  
ANALYTICAL LABORATORY

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# TEST REPORT

July 21, 2018

Page 1 of 4

(7418)157-0140(SL)

Report No:

**Applicant:** Ferrow Chemicals (Pvt) Ltd.

**Address:** No. 213/5,  
Richmond Hill Road,  
Galle,  
Sri Lanka.

**Attn:** Mr. W. D. S. Abeywickrama

**Sample Description:**

02 No. of approximately 250ml liquid samples contained in  
sealed glass bottles submitted by the client.

**Label Detail:**

Ferrowlac Epoxy Multi Use Paint  
Ferrowlac Epoxy Multi Hardner

**Date Received:**

June 18, 2018

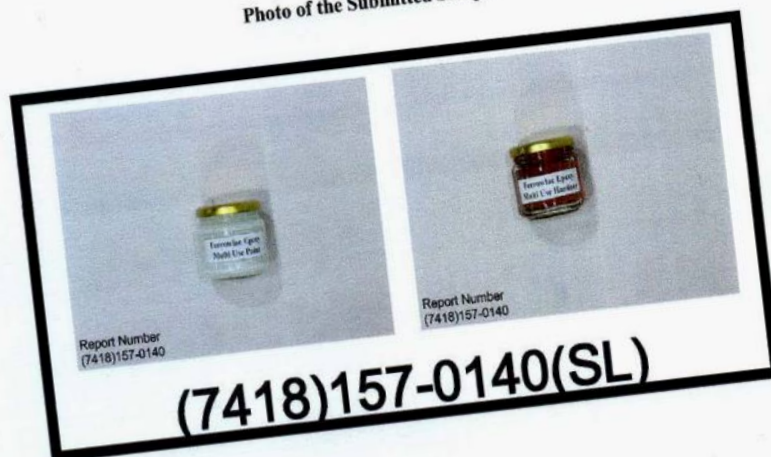
**Date of Issuance:**

July 21, 2018

**Test Requested:**

Volatile Organic Compounds (VOCs).

**Photo of the Submitted Sample**



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Bureau Veritas Consumer Products Services Lanka (Pvt) Ltd.  
No. 570, Galle Road, Katubedda, Sri Lanka.  
Tel : (9411) 2350111 Fax : (9411) 2622198 / 9  
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# TEST REPORT

July 21, 2018

(7418)157-0140(SL)

Page 2 of 4

Report No:

## TEST RESULTS

### VOLATILE ORGANIC COMPOUNDS (VOCs)

Test Method: GC-MS Headspace Analysis

Tested Item(s)	Result	LOQ	Unit
Mixture of base & hardener (2:3 ratio)	ND	1.0	mg/kg

List of VOCs :				CAS-No.
No.	Name of Analytes	CAS-No.	No.	Name of Analytes
1	Methyl-ethyl ketone	78-93-3	10	1,2,3-trichloropropane
2	Benzene	71-43-2	11	Acetophenone
3	Toluene	108-88-3	12	Naphthalene
4	Ethylbenzene	100-41-4	13	N,N-dimethylformamide
5	Xylene o-Xylene m-Xylene p-Xylene	1330-20-7, 95-47-6, 108-38-3, 106-42-3,	14	1-Methyl-2-pyrrolidone
6	Styrene	100-42-5	15	2-Phenyl-2-propanole
7	Cyclohexanone	108-94-1	16	Bis-(2-methoxyethyl) ether
8	2-Ethoxyethylacetate	111-15-9	17	N,N-dimethylacetamide
9	Ethyl Acetate	141-78-6	18	Hexane

#### Note:

mg/kg: milligrams per kilogram

GC-MS: Gas Chromatography – Mass Spectroscopy

ND: Not Detected

#### Remark:

Three parts of the hardener was added to two parts of the base and stirred well. Mixture was kept for 30 minutes & applied on to a metal surface using a brush. After 14 days, sample was scraped from the metal surface & analysed for VOCs using GC-MS Headspace.

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## INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

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Telephone: 0094 011 2379800 Fax: 0094 011 2379850  
120/4 A, Vidya Mawatha, Colombo 7, Sri Lanka.  
Telephone: 0094 011 2379800 Fax: 0094 011 2379950

### TEST REPORT

Report No. SS - 1315655

#### Report to :

Ferrow Chemicals (Pvt) Ltd,  
16 D, Awissawella Road,  
Weliwita,  
Kaduwela.

#### Issued By:

Materials Laboratory  
Industrial Technology Institute  
363, Bauddhaloka Mawatha  
Colombo 07.

2014-01-07

Page 01 of 03 Pages

**THE REPORT IS ISSUED SUBJECT TO CONDITIONS MENTIONED OVERLEAF**  
"PLEASE ADDRESS ALL COVERS TO THE DIRECTOR"



# ... Continuation Sheet

## TEST REPORT

Report No. - SS 1315655

<b>Customer :</b> Ferrow Chemicals (Pvt) Ltd, 16 D, Awissawella Road, Weliwita, Kaduwell.	<b>Test Item:</b> Floor Paint (Two packs)  <b>Service Requested :</b> Customer's letter's dated 2013-10-17 and 2013-12-12
<b>Description :</b> One (01) test item consist of two units as hardner and resin.	<b>Identification of Test Item:</b> The test item was labelled as:  01.Ferrowlac Resin 02.Ferrowlac Hardner  <b>Date of receipt of test item :</b> 2013-10-21
<b>Test Dates:</b> From 2013-11-19 to 2013-11-27.	

### TEST RESULTS:


Test / Unit	Test Method	Result
Scratch hardness test, kg (minimum weight needed to scratch the substrate)	SLS 1256	More than 2
Crosscut test	ASTM D 3359	Class 5 *

\* Surface of crosscut area from which flaking has occurred is none.

Note: This report supersedes the test report no: SS 1315655 issued on 2013-11-28.

  
Authorized Signatory  
**A.A.M.T. Adikari**  
Research Engineer  
Materials Laboratory

2014-01-07  
-/ss.

  
K.Silva  
Laboratory Technologist

Page 03 of 03 pages



**Provides**

**Designs**  
**Execution**  
**Maintenance**  
**and**  
**Warranty**

## **Ferrow Chemicals (Pvt) Ltd.**

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**Branch Office**

**Ferrow Chemicals (Pvt) Ltd.**

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