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TEST REPORT

Report No. SS 1901155

Report to :

GB Coatings Pvt Ltd,
No: 1.B/ 468, Rajasinghe Mawatha,
Mulleriyawa.

Issued By :

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

2019-03-01

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TEST REPORT

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Customer : GB Coatings Pvt Ltd, No: 1.B/ 468, Rajasinghe Mawatha, Mulleriyawa.	Test Item : Paint Service Requested : Customer's letter dated 2018-12-28
Description : One (01) test item.	Identification of Test Item : Test item was labelled as; Solakro Roofing Paint 1/ Colour : - Terracotta Batch No: TRP 25/117 Maf Date : 16NOV 2018 Exp Date : 15 Nov 2020 Manufactured by : GB Coating (Pvt) Ltd, 700/10, Kaduwela Rd, Thalangama North, Battaramulla, Sri Lanka. Date of Receipt of Test Item : 2019-01-29
Test Dates : From 2019-02-07 to 2019-02-26	



... Continuation Sheet

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TEST RESULTS :

Test/Unit	Test Method	Results	Requirements SLS 557 : 2017
Conditions of the material in the container	SLS 557 : 2017	Pass	No irritating or offensive odor. Shall be free from lumps & skins. If any settling shall be easily incorporated on stirring
Thinning		Pass	Shall mix readily with minimum amount of foaming to a smooth and uniform composition when mix with water
Application Properties by: Brush Spray Roller		Pass Pass Pass	Shall be suitable for application by brush, spray or roller after thinning. Resultant film should be smooth and homogeneous
Recoating properties		Pass	No lifting of underlying coats, exhibit no color separation , sagging ,pitting, cracking or flaking
Quantity of material, at 27°C (Difference of declared volume of the sample in %)		-3	±5 maximum
Finish		Smooth & matt	Smooth & matt or sheen
Resistance to Alkali		Pass	No color difference between the unsealed and the sealed halves
Drying time a) surface dry, minutes b) hard dry, hours		5 ½ 9	15 maximum 2 maximum 8 - 10
pH value at 27°C			
Temperature stability at 10°C 60°C		Pass Pass	Free from lumps. skins, settling and is capable of thinning suitably for application
Resistance to wet scrub		Failed at 680 cycles	Should withstand for 800 cycles.
Viscosity at 25 °C Pas, Sp#02, rpm 0.3 Torque %	ASTM D 2196	108.4 81.3	--
Total Lead content (Pb), mg/kg	ASTM D 3335	6	90 maximum

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... Continuation Sheet

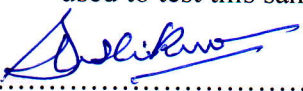
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TEST RESULTS :


Test/Unit	Test Method	Results	Requirements SLS 557 : 2017
Packaging & Marking			
Packaging		Pass	Shall be packed in should, clean, dry corrosion resistant and leakage free containers
Marking			
a - Type of the product “ Emulsion paint for exterior use”		Given as “Roofing Paint”	Should be given
b - Color		Given	Should be given
c - Name & address of the manufacture, including the country of origin		Given	Should be given
d - Brand name if any		Given	Should be given
e - Net volume of the material in mille liter or litre		Given	Should be given
f - Date of manufacture	SLS 557 : 2017	Given	Should be given
g - Shelf life /best before		Given	Should be given
h - Batch no or code no. or lot identification number		Given	Should be given
j - Spreading capacity, m ² /litre		Given	Should be given
k - Registered trademark if any		Given	Should be given
l - Declared lead content		Given	Should be given
m - Instruction of use		Given	Should be given
n - Special precautions to be obtained in use if required		Given	Should be given
o - Specific warning statement where necessary		Given	Should be given

Note : 1. Colour, Resistance to artificial weathering, Resistance to fungal and algal growth, Spreading capacity were not tested.

2. Although SLS 557:2017 is a specification for Emulsion paints for exterior use . It was used to test this sample as per the customer request.


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Shashikala Liyanage
Assistant Research Technologist


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Rasangi Kumarage
Assistant Research Technologist


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Authorized Signatory
C.N. Vitharana
Research Engineer
Materials Laboratory

2019-03-01

-/lp.