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TEST REPORT

Report No. SS 1901850

Report to :

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

Issued By :

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

2019-03-07

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Customer : GB Coatings (Pvt) Ltd., No. 1B/468, Rajasinghe Mawatha, Mulleriyawa.	Test Item : Paint Service Requested : Customer's letter dated 2019-01-17
Description : One (01) test item	Identification of Test Item : Test item was labelled as; Brilliant white Emulsion paint for Interior use BN. WEM 407/02/19 MFD : 07 Feb 2019 EXP : 06 Feb 2021 1 L Date of receipt of test item : 2019-02-12
Test Dates : From 2019-02-20 to 2019-03-05	



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TEST RESULTS :

Test/Unit	Test Method	Results	Requirements SLS 533 : 2017
Conditions of the material in the container	SLS 533 : 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
Finish		Smooth & matt	Smooth & matt or sheen
Quantity of material, at 27°C (Difference of declared volume of the sample in %)		-9	±5 maximum
pH value at 27 °C		9	8 - 10
Temperature stability at 10°C 60°C		Pass Pass	Free from lumps, skins, settling and is capable of thinning suitably for application
Resistance to Alkali		Pass	No color difference between the unsealed and the sealed halves
Resistance to wet scrub		Failed at 250 cycles	Should withstand for 600 cycles
Drying time a) surface dry, minutes b) hard dry, hours		5 ½	15 maximum 2 maximum
Viscosity at 25°C Pas, Sp#02, rpm 0.3 Torque %	ASTM D 2196	108.3 81.2	--
Total Lead content (Pb), mg/kg	ASTM D 3335	12	90 maximum



... Continuation Sheet

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TEST RESULTS :

Test/Unit	Test Method	Results	Requirements SLS 533 : 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 interior use”		Given	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 off the material in mille liter or litre		Given	Should be given
f - Date of manufacture	SLS 533 : 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 : Colour and Spreading capacity were not tested.


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Shashikala Liyanage
Assistant Research Technologist


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Kanchana Kindelpitiya
Assistant Research Technologist


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Authorized Signatory
C.N. Vitharana
Research Engineer
Materials Laboratory

2019-03-07

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