



# INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

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## TEST REPORT

Report No. SS 2113331

### Report to :

Horana Minerals (Pvt) Ltd,  
No: 05, Gonamadiththa, Watte,  
Thalawa,  
Haltota.

### Issued By :

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

2021-12-29

*Page 01 of 04 Pages*

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"PLEASE ADDRESS ALL COVERS TO THE DIRECTOR GENERAL"

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**QUERIES ON REPORT:** Customer queries on reports will be entertained only up to a period of 01 year from the date of issue of the report.

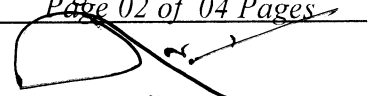
**RETENTION OF TEST ITEMS:** Perishable items will be destroyed immediately after testing, other items after 01 month from the date of issue of the report.

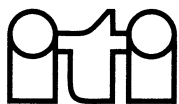
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**CHANGE OF CONDITIONS:** ITI may at its sole discretion add to or amend the conditions of this report at the time of issue of the report and such additions or amendments shall be binding on the customer.





## ... Continuation Sheet

### TEST REPORT

Report No. SS 2113331

<b>Customer :</b> Horana Minerals (Pvt) Ltd, No: 05, Gonamadiththa, Watta, Thalawa, Haltota.	<b>Test Item :</b> Wall putty  <b>Service Requested :</b> Customer's letter dated 2021-10-07 and 2021-12-29
<b>Description :</b> Three (03) test items. Following information was given in the customer's letter.  1. HEGA Brand Wall Putty – Interior White 2. HEGA Brand Wall Putty – Interior Exterior - Grey 200 3. HEGA Brand Wall Putty – Interior Exterior - Grey 100	<b>Identification of Test Item :</b> Test items were labelled as : 1. Sample 01 Product Name – Silky Interior Total finish Hega wall putty – White Marketed by - Horana Minerals (Pvt) Ltd No: 05 Gonamadiththa, watta Thalawa , Haltota, Sri Lanka. 2. Sample 02 Product Name – Interior Exterior Total finish Hega Wall putty – Grey 200 Marketed by - Horana Minerals (Pvt) Ltd No: 05 Gonamadiththa, watta Thalawa , Haltota, Sri Lanka. 3. Sample 03 Product Name – Interior Exterior Total finish Hega Wall putty – Grey 100 Marketed by - Horana Minerals (Pvt) Ltd No: 05 Gonamadiththa, watta Thalawa , Haltota, Sri Lanka  <b>Date of Receipt of Test Item :</b> 2021-10-12
<b>Test Dates :</b> From 2021-11-03 to 2021-11-19	

#### TEST RESULTS :

Test/ Unit	Test Method	Result	Requirements in ASTM C 475/C 475 M 02
		Sample 1	
Check cracking	ASTM C 474:05	Pass	No cracks in the thinner half of the wedge and no deep fissure cracks in thicker half of the wedge
Putrefaction		Pass	No putrefaction in 04 days.
Resistance to Alkali	Based on SLS 533: 2017* <sup>1</sup>	No colour difference between sealed and unsealed halves	--
Temperature stability 10 <sup>0</sup> C 60 <sup>0</sup> C	Method given by the customer * <sup>2</sup>	} No cracks and No peeling off	--




## TEST RESULTS :


Test/ Unit	Test Method	Result		Requirements in ASTM C 475/C 475 M 02
		Sample 2	Sample 3	
Check cracking	ASTM C 474:05	Pass	Pass	No cracks in the thinner half of the wedge and no deep fissure cracks in thicker half of the wedge
Putrefaction		Pass	Pass	No putrefaction in 04 days.
Resistance to Alkali	Based on SLS 557: 2017* <sup>1</sup>	No colour difference between sealed and unsealed halves	No colour difference between sealed and unsealed halves	--
Temperature stability 10 <sup>0</sup> C 60 <sup>0</sup> C	Method given by the customer * <sup>2</sup>	No cracks and No peeling off	No cracks and No peeling off	--

Note : \*<sup>1</sup>As per the request of customer, test method "SLS 557:2017 Specification for Emulsion paint for Exterior use" and "SLS 533:2017 Specification for Emulsion paint for Interior use" were used to test this product .

\*<sup>2</sup> Sample was prepared as per ASTM C 474: 87 Clause 12.1-12.2. without exposing to the forced air current . Then One sample was kept in 10<sup>0</sup> C and other sample was kept in 60<sup>0</sup> C for 48 hours, Both samples were Observed for cracks or peeling off.

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 Authorized Signatory

**A. A. M. T. Aditari**  
 Senior Deputy Director  
 Materials Laboratory  
 -/lp Industrial Technology Institute

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 W.A.M. Priyanwada  
 Research Technologist

Page 04 of 04 pages