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TEST REPORT

Report No. SS 2113336

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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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.

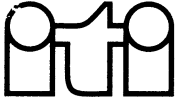
RETURN OF TEST ITEMS: Test items will be returned to the customer at the sole discretion of the ITI only on a written request by the customer.

LOSS OR DAMAGE: While the ITI exercises every care in respect of work entrusted to the Institute by customers, the Institute is not liable for any loss/damage howsoever caused to person/property, including property entrusted by customer to the Institute whether such loss, damage or delay may have been caused by reasons beyond the control of the Institute or otherwise.

LITIGATION: All costs associated with litigation or dispute for oral or written testimony or preparation of same or for any other purpose related to work provided by the ITI shall be paid by the customer. Such costs include, but are not limited to hourly charges, travel and accommodation, mileage, counsel, legal fees and all other expenses associated with the said litigation and dispute.

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.





TEST REPORT

Report No. SS 2113336

Customer : Horana Minerals (Pvt) Ltd, No: 05, Gonamadiththa, Watte, Thalawa, Haltota.	Test Item : Wall putty Service Requested : Customer's letter dated 2021-10-07 and 2021-12-08
Description : One (01) test item. Following information was given in the customer's letter. HEGA Brand Wall Putty – Exterior White	Identification of Test Item : Test item was labelled as : Product Name : Interior Exterior Total finish Hega Wall putty weather pro Marketed by : Horana Minerals (Pvt) ltd, No: 05, Gonamadiththa watta, Thalawala , Halhota Sri Lanka. Date of Receipt of Test Item : 2021-10-07
Test Dates : From 2021-11-03 to 2021-12-17	



... Continuation Sheet

Report No. SS 2113336

TEST RESULTS :

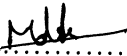
Test/ Unit	Test Method	Result	Requirements in ASTM C 475/C 475 M 02
Check cracking	ASTM C 474:05	Pass	No cracks in the thinner half of the wedge and no deep fissure cracks in thicker half of the wedge
Putrefaction		Pass	No putrefaction in 04 days.
Resistance to Alkali	Based on SLS 557: 2017* ¹	No colour difference between sealed and unsealed halves	--
Temperature stability 10 ⁰ C 60 ⁰ C	Method given by the customer * ²	No cracks and No peeling off	--
Compressive Strength After 7 days / N/mm ² After 28 days / N/mm ²			
Flexural Strength After 7 days / N/mm ² After 28 days / N/mm ²	Based on BS EN 1015-11: 2019* ³	1.6 2.2	--

Note *¹ 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 10⁰ C and other sample was kept in 60⁰ C for 48 hours, both samples were observed for cracks or peeling off.

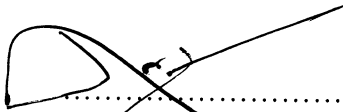
*² As per the request of customer, test method SLS 557:2017 (Specification for Emulsion paint for Exterior use) was used to test this product .

*³ As per the request of customer, test method BS EN 1015-11:2019 was used to test this Product.

Powder : Water mixing ratio = 25kg : 10l


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B.D.M. Chinthaka
Assistant Research Technologist


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Shashikala Liyanage
Assistant Research Technologist


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Authorized Signatory
A. A. M. T. Adikari
Senior Deputy Director
Materials Laboratory
Industrial Technology Institute

2021-12-29
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Page 04 of 04 pages