

CRUSHED CLAMSHELL AS ADDITIVE IN STEPPING STONE

Abstract:

Stepping stone is a kind of stepping stone designed yourself (DIY). This study resulted in a mixture of cement, sand, water and shells that had been destroyed. Discussion of the idea of each member of the group, the idea of making this stepping stone sparked problem in terms of finance, time and wasted material which is clamshell. This study was conducted to produce (DIY) and stepping stone 'Easy Stepping Stone Mixture'. Studies conducted have examined the difference between the market and stepping stone stepping stone (DIY) in terms of time, cost and weight. Mixture ratio is 2: 3: 1.72. Of the studies that have been carried out, stepping stone on the market price of more expensive and heavier. Based on the survey conducted 45% of respondents agreed that the product did not take a long time, 30% of respondents agreed that the product will not occur wastage of cement, sand and water, 25% of respondents agreed on this product uses less water and according to the quantity specified, 52% of respondents agreed that the product can be produced according to customer creativity itself, 35% of respondents agreed with this product it can save costs, 37% of respondents agreed that the product is unsatisfactory. The conclusion of the study was conducted, the stepping stone products (DIY) saves time, cost and also more user-friendly.

Keyword: Stepping Stone (DIY), clamshell,

IP no:

Finding:

40 set of questionnaires was conducted around Politeknik Merlimau, Melaka. After the analysing the entire filled questionnaire, it is found that the feedback has been satisfied and suitable for the analysis.

Questionnaire	Interpretation Level
Our product does not take a long time to prepare	Agree
No wastage of cement, sand and water	Totally Agree
Use less water usage and according to the quantity specified	Totally Agree
User can generate their own stepping stone according their creativity	Totally Agree
Save costs	Totally Agree
Product is statisfied	Agree

Suggestion for future work

- i. Improvement can be implemented to produce better easy making DIY stepping stones.
- ii. Improvement of product easy making DIY stepping stones is changes the packaging. In our product we just use plastic to keep the product, therefore we can exchange to plastic container that hermetic.

Picture related to project



Name of student & registration no:

1. Nabihah Bte Sheikh Ali
14DKA14F2015
2. Nurul Afifah Bte Zolkeplee
14DKA14F2039
3. Nur Hanisah Bte Madzlan
14DKA14F2055
4. Sitie Faezzatul Nadia Binti Ahmad
14DKA14F2035

Supervisor of the project:

1. Cik Umi Hani Binti Abdul Rahman
2. Puan Rayahu Binti Ali