DEVELOPMENT OF TRAPEZIUM FORM OF ENVIRONMENTAL ROAD DRAINAGE PRINTING USING IRON BONE

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Abstract

In its development, concrete has undergone many modifications and improvements so as to create various types of concrete, one of which is precast concrete and the designation of this concrete is adjusted to the increasingly diverse demands or needs of the community for drainage channels. Planning for drainage is one of the needs to overcome channel problems. water to avoid puddles due to rain conditions and puddles of waste.

The purpose of this research is to make precast concrete sizes that are easy to work with when working in the field, so that the concrete process is carried out properly and maintained so as not to be damaged. Furthermore, it can determine the lifting point of the prescast drainage that can still be lifted normally by humans

Before being applied in the field, of course, we first calculate the material we will use and test the material so that the precast concrete produced will be of good quality and not damaged,

The results showed that the average compressive strength of 28-day-old concrete was 16.90 MPa and the average strength of plain steel tanks was 459,79 N/mm^2

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