

Technology Fact Sheet

Technology/Product

“L” shaped Prestressed Concrete Steps

Year

2015

Patent Details

None

Description of technology

Features of “L” shaped Prestressed Concrete Steps

“L” shaped Prestressed Concrete Step consists of 2” thk. “L” shaped pre-stressed concrete section which will be supported on precast concrete stringer beam. These steps contains 3 nos. of 5 mm high tensile steel wires tensioned to 20 kN each. Grade 40 concrete is used to cast the pre-stress Concrete Steps.

General Information

1. thickness of the step 2”
2. Maximum span of the step 5’-0”
3. Thread 11”
4. Rise 6”

Advantages/Benefits

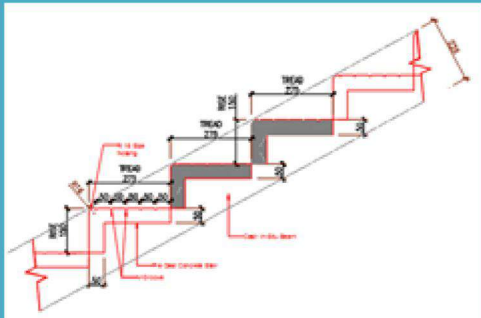
1. Cost effective
2. No finishing work required
3. High durability
4. Aesthetically pleasing
5. Fast construction

Areas of application

- Overhead pedestrian crossings
- Externa /Internal stair cases

Cost as at 2019

1 L.ft. – Rs.230.00



Contact Details

National Engineering Research and Development Centre , IDB Industrial Estate , Ekala , Ja-Ela, Sri Lanka

Telephone : 0094-11-2236307, 0094-11-2236384

Fax : 0094-11-2233153

E-mail : nerdcentre@nerdc.lk

Web : www.nerdc.lk