

عنوان مقاله:

AN INVESTIGATION ON THE BEHAVOIR OF ONE-LAYER AND TWO-LAYER 3D PANELS IN SHEAR AND FLEXTURAL TEST

محل انتشار:

سومین کنفرانس بین المللی بتن و توسعه (سال: 1388)

تعداد صفحات اصل مقاله: 6

نویسندگان:

H Afshin - *Sahand University of Technology, Civil Engineering Faculty, New Sahand Town*

E Sheykh Milani

B. Ferdowsi

خلاصه مقاله:

The 3D panels are a new system of construction. This system is used as wall and ceiling in buildings. The structural behavior of 3D panels is dependent on the strength and rigidity of connector elements. In this article flexural and shear tests have been conducted on six 3D panels. The results have been compared with results of finite element software, ANSYS. The details and results of the test program are described, and the observed behaviour patterns are discussed.

کلمات کلیدی:

3D panels, shear test, flexural test, sandwich panel

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/60584>

