



# VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

Founder President Late Padmashri H. G. Vartak

(Approved by AICTE and Affiliated to the University of Mumbai)

NBA and NAAC Accredited

K. T. Marg, Vasai Road (W), Dist. Palghar - 401202, Maharashtra.  
Tel.: 0250-2338234 (6 Line) • Email : vcet\_inbox@vcet.edu.in • Website : www.vcet.edu.in

## Department of Civil Engineering

CERTIFICATE NO. & DATE: VCET/ ADT/Testing/Knee M-1/2025

13/10/2025

- 1) Name of Customer: Top Acrobat OPC Private Limited, Virar.
- 2) Customer's reference: sample brought on this date, 10/10/2025.
- 4) Sample Description:
  - i) Knee Magician Exercise Boards \*
  - ii) Quantity: 02 Nos.
  - iii) Type (s) of test: Load Resisting Capacity\*
  - iv) Type of Materials: Metal Frame with 6mm plywood (as shown in Figure 1) \*
  - v) Date of casting: Not Provided\*
  - vi) Date of testing: 10/10/2025
  - vii) Sample: a) size 13" x 13" with thickness 6mm \* b) size 11" x 13" with thickness 6mm \*

### TEST REPORT (Tested on Farthest Slot No. 1)

Spe. No.	Sample	Dimensions (inch X inch X mm)	Peak Load (kN)	Cross Head Travel at peak (mm)
1	a	13" x 13" with a thickness 6 mm	2.72	19.5
1	b	11" x 13" with a thickness 6 mm	3.8	14.9

#### NOTE:

- Test carried out on UTM and load is applied through a block size 200mm width x 100 mm thick on Knee Magician Exercise Boards, resting on Farthest Slot No. 1.
- No IS Standard is considered for the sample size and for the test procedure.
- This certificate refers only to the sample submitted for testing.
- This certificate is valid at the time of & under the conditions specified herein.
- This certificate may not be reproduced in part or in full without the permission of this testing center.
- Any correction invalidates this certificate.
- \* Data as reported by the customer representative/work order.

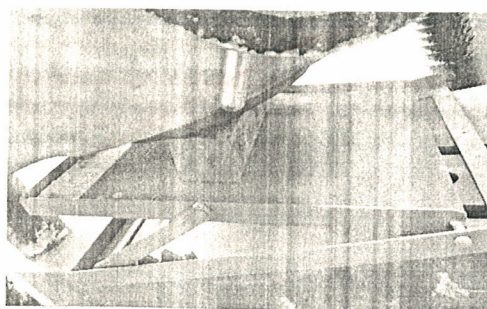



Fig.1

  
Testing Officer  
Dr. Chongale J.B.

  
HOD  
Civil Engineering

**Compression Test Report**

**Machine Model : UTN-40**

Filename : OPC 13X13.Utm

**Machine Serial No : 2196/2057**

Date : 10/10/2025

Customer Name : Top Acrobat(OPC) Private Limited

Order Number :

Lot Number :

Heat Number :

Peak Load : 2.72 kN

C.H. Travel at Peak : 19.5 mm

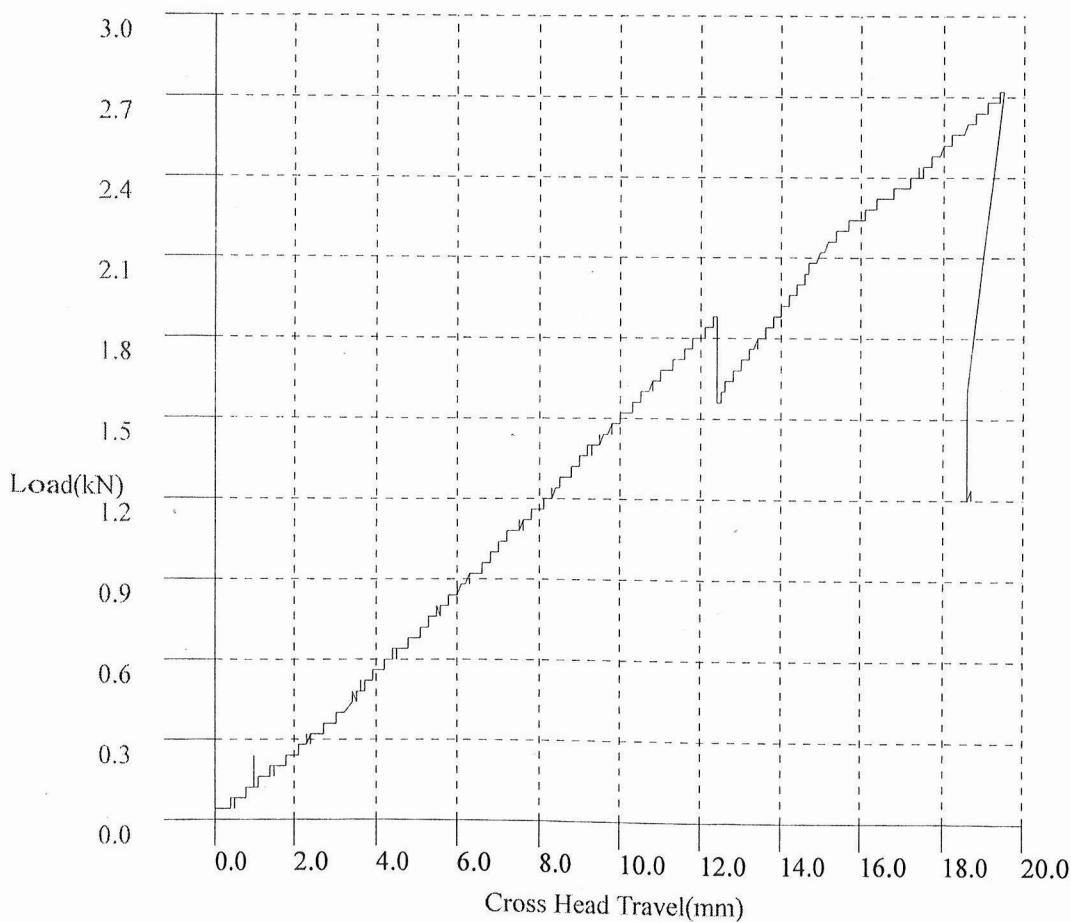
Comp. Strength : 00.14N/mm2

Width : 200 mm

Thickness : 100 mm

Test terminated due to Manual Stop

Tested By : Mechanical Dept., VCET



# VIDHYAVARDHINI COLLEGE OF ENGINEERING AND TECHNOLOGY VASA

## Compression Test Report

Machine Model : UTN-40

Filename : OPC 11X13 Small Model.Utm

Machine Serial No : 2196/2057

Date : 10/10/2025

Customer Name

: Top Acrobat(OPC) Private Limited

Order Number

Lot Number

Heat Number

Peak Load : 3.80 kN

C.H. Travel at Peak : 14.9 mm

Comp. Strength : 00.19N/mm<sup>2</sup>

Width : 200 mm

Thickness : 100 mm

Test terminated due to Manual Stop

Tested By : Mechanical Dept., VCET

