



*3<sup>rd</sup> International Conference on  
Innovative Building Materials (IBM)  
“Advances in Nuclear Power Plant Mixtures”  
3-5 June, 2022*

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**PAPER TITLE  
MAXIMUM TWO LINES (Arial 14, bold)**

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*Email: [sample@hbrc.edu.eg](mailto:sample@hbrc.edu.eg) (Arial, italic, 10, normal)*

**ABSTRACT (Arial 12, bold, capital letters)**

Only Microsoft Word formatted articles will be accepted using the following guidelines: Trade-names are not mentioned in the manuscript. Company or Organization names may, however, be included under "Acknowledgement" only. Footnotes are not used in the text of the manuscript. Only laser printer should be used.

Paper format. All text is in ARIAL. Page Standard Size A4. Margins: 3.0 cm from all sides for all pages including the first page. Maximum 12 pages (each extra page up to 18 Pages will be charged additional fees).

Title of Paper. Arial 14 pt bold, UPPER CASE. Maximum 2 lines. **3 Lines are left blank above the title (single spaced at 10 pt).**

Authors' Names. Arial 10 pt, Upper and Lower Case. First name, middle initial (s), followed by last name. Titles are not included. Authors from the same organization are grouped together.

Authors' Affiliation. Arial 10 pt, italic, Upper and Lower Case. Maximum 2 lines.

Abstract. Arial 10 pt, single-line spacing. Maximum 300 words. Keywords maximum 7

**Keywords:** Concrete, Steel, Structure, Analysis, Buckling, Material.

**INTRODUCTION (Arial 12, bold upper case)**

Main titles shall be Arial 12 pt bold, UPPER CASE. Separated from preceding text by 20 pt (2 lines). Separated from subsequent text by 10 pt (1 line)

**Secondary Headings:**

10 pt bold, Upper and Lower case. Separated from preceding text by 10 pt, and from subsequent text by 10 pt. [1]

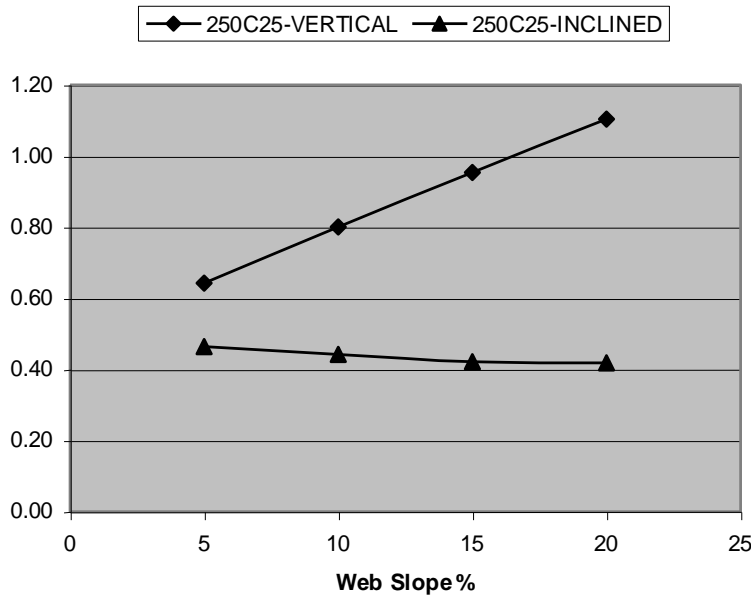
**Stress-Strain Relationship for Masonry**

The stress-strain relationship for masonry in compression can be idealized as an increasing polynomial function [2]. Until the peak stress ( $f_m'$ ) is reached for a given strain. Then this is followed by a sudden drop of the stress value by increasing the strain representing the brittle behaviour of masonry. After these stages the stress remains almost constant at this value. The assumed constitutive model for the masonry struts is shown in Fig. 1. Since the tensile strength of masonry is negligible, the individual masonry struts are considered to be ineffective in tension.



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Table 1 shows the results obtained. All Paragraphs have no indent. The text shall be Arial 10 pts, single-line spacing, full justified. All Paragraphs have no indent.



**Fig. 1: Heading Arial 10 pt, Centered, Black and White Colors**

Figures/Illustrations: Caption heading in Arial 10 pt, centered below figure. Figures are in black and white (color figures are not allowed). Figures are in high resolution, sharp enough for reproduction. No more Than 2 Blank Lines Should be Left before or After Figures.

**Table 1: Dimensions of the Selected Cold Formed C-purlins**

NOTATION	h (mm)	b (mm)	c (mm)	t (mm)
200C15-00	200	60	20	1.5
200C20-00	200	60	20	2
200C25-00	200	60	20	2.5
200C30-00	200	60	20	3
250C20-00	250	60	20	2
250C25-00	250	60	20	2.5

Tables are centered; no text to wrap around the tables. Caption heading in Arial 10 pt, centered above table. Text and numbers are in Arial 10 pt. Tables are not split over two pages

Mathematical Text: All symbols are in italic. All numbers are non-italic (e.g., 0.5  $f_y$ ). All equations are left justified and numbered in sequence. All equation numbers are right justified



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**Units:**

- The International system of units (SI) should be used; Equivalent units in other units may be given in parentheses

**REFERENCES**

- All references are cited in the text between square brackets (e.g. [2], [4-6]) and listed in the end of the paper under word REFERENCES
  - Reference follows the format in the following examples:
1. Ghobarah, A., Aziz T.S. & Biddah, A. (1997), “Rehabilitation of Reinforced Concrete Frame Connections Using Corrugated Steel Jacketing”, *ACI Structural Journal*, 94(33), pp, 283–294.
  2. Nawy, E. G.(2000), “Prestressed Concrete: A fundamental Approach”, 3rd Edition, Prentice Hall, NJ.
  3. Tjandra, A.R. & Tan, K.H. (2003), “Strengthening of Reinforced Concrete Continuous Beams with External Tendons”, 6th International Symposium on FRP Reinforcement for Concrete Structures (FRPRCS-6), Singapore, Vol.1, pp. 723–732.
  4. "Product Review", [http://in\\_site.bidcom.html/overview.html](http://in_site.bidcom.html/overview.html), (1999), accessed Feb. 3, 2000.