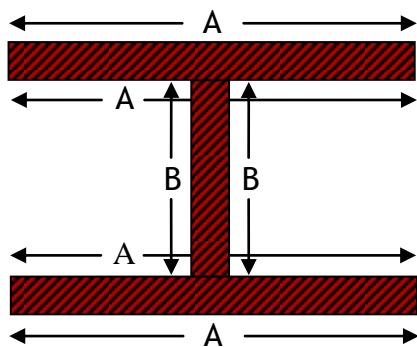




**CALCULATION OF THE SURFACE AREA
OF A BEAM OR COLUMN**

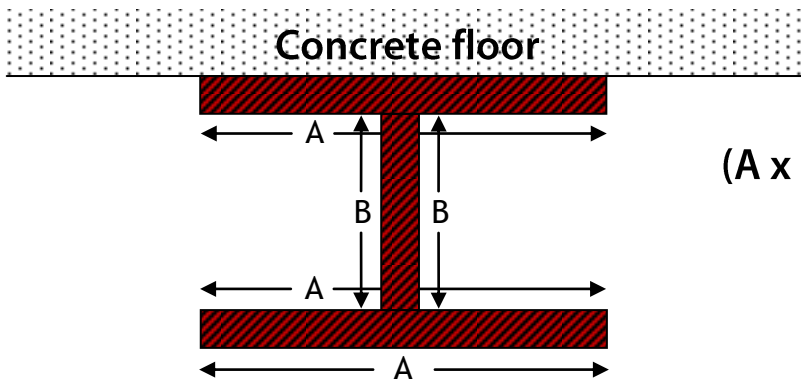
WHEN COATING 4 SIDES



$$(A \times 4) + (B \times 2) \times \text{Length of beam}$$

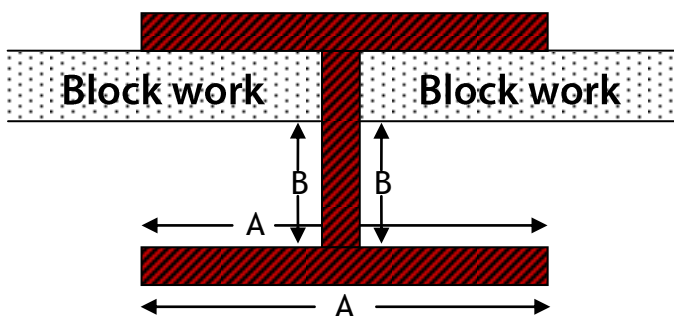
$$= \text{Surface Area}$$

WHEN COATING 3 SIDES



$$(A \times 3) + (B \times 2) \times \text{Length of beam}$$

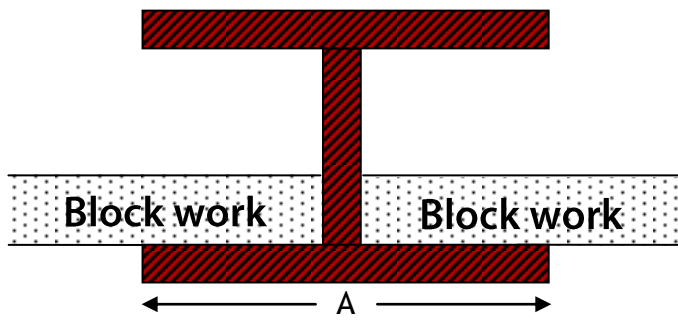
$$= \text{Surface Area}$$



$$(A \times 2) + (B \times 2) \times \text{Length of beam}$$

$$= \text{Surface Area}$$

WHEN COATING FLANGE ONLY



$A \times \text{Height} = \text{Surface Area}$

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