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ANALYSIS OF THE BEHAVIOR OF VENTILATION AND STRUCTURAL RED CERAMICS MASONRY AS THE USE OF VERGAS AND CONTRAVERGAS

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The efficiency of a project depends mainly on good planning, good execution by qualified professionals and the use of suitable materials. Some pathologies such as cracks in buildings can be prevented through the use of simple elements such as spars and backstops and their correct sizing. The yards are used at the top of the spans and the backstops should be used at the bottom of spans greater than 0.50 m. They can be prefabricated or molded "in loco". These structural elements help distribute the stresses that focus on the vertices of door and window openings. This study aimed to demonstrate the anomalies present in sealing masonry that did not use the spars and backstops, thus highlighting the importance of their use. The results indicate the fundamental importance of the use of contravergas, in particular in walls of structural masonry