

Performance of Weather Resistant Louvers

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Abstract: *Data Centres are the areas where, not a single droplet of water should penetrate inside the premises but on the other hand required opening area should be at least 50%, because of number of fan banks are present inside the premise. For this application, best suitable product is 'Weather Resistant Louvers.' Weather Resistant Louvers are also known as 'Performance Louvers.' A Louver is a ventilation product which allows enough air to enter and at the same time restricts Water Penetration. The most important considerations for selecting louvers are water penetration, free area and pressure loss. The main objective of this paper is to analyse the performance of Weather Resistant Louvers.*

Keywords: Weather Resistant Louver, Fan Banks, Water Penetration, Data Centre

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