

عنوان مقاله:

Evaluation of ETFE Specifications as Cover of Stadiums against MEffective Climatic Factors

محل انتشار:

ششمین کنگره بین المللی مهندسی شیمی (سال: 1388)

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خلاصه مقاله:

Cover in stadiums is an effective filter for eliminating or decreasing undesirable effects and admitting desirable effects of factors in internal spaces, which result in increasing the efficiency of spaces in stadiums. The advantages of ethylenetetrafluoroethylene sheets (ETFE) have been used for covering the large and high spaces as a suitable strategy used by architects since 27 years ago. This study introduces and evaluates ETFE cushion as a reasonable technology for creating an efficient covering especially in windy and showery regions. The executed samples of ETFE coverings and its characteristics showed that the ETFE cushions are suitable material for adapting climatic factors and structural conditions and that is cost-effective to use it during execution and lifetime of building.

کلمات کلیدی:

Climatic Factors, Cover, ETFE, Stadium

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