

UNIVERSITI TEKNOLOGI MARA

**MATERIALS AND FINISHES
SELECTION FOR DANCING STUDIO
WITH ACOUSTIC AND AESTHETIC
ASPECTS**

**SONIA RAJ BINTI MOHAMAD
JUFRI ERETHINAVELAN**


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AUTHOR'S DECLARATION

I declare that the work in this dissertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and results of my own work, unless otherwise indicated or acknowledged as referenced work. This dissertation has not been submitted to any academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with Academic Rules and Regulations for Undergraduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

Name of Student : Sonia Raj binti Mohamad Jufri Erethina Velan
Student I. D. No. : 2017409678
Programme : Bachelor of Interior Architecture (Hons.) AP247
Department : Centre of Studies for Interior Architecture
Faculty : Architecture, Planning & Surveying
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Signature of Student : 
Date : August 2021

ABSTRACT

Dance is an art form or activity that uses the body and the diversity of movement in which the body is capable. Dancer listens to sounds from pianos, stereos, human voice, and floor contact like in tap dance. These all make an essential contribution to the dancer's overall noise exposure. The issues of this research are that noise exposure cause disturbance to the user. Excessive exposure to noise has implications for our health and well-being, which go well beyond hearing damage. This research aims to identify the appropriate material and finishes specification used concerning acoustic and aesthetic aspects for the dancing studio. There are several objectives of the study that need to be achieved in this research: identifying user satisfaction towards the material and finishes used and investigating the types of material and finishes used to acoustic and aesthetic aspects. The methodology that will be applied is a mixed-method by using a questionnaire survey and an on-site observation to gather information and conclude the findings. This research will benefit the owner, dance community, acoustic consultants and designer to create a better environment studio. For future recommendations, it is suggested to have a quiet environment of dance venue for the user to feel comfortable dancing without noise disruption, as well as considering acoustic design, which plays a vital role in designing dance studios in which the acoustic consultants are responsible for the design process.

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