

# A REVIEW OF IMPACT BEHAVIOUR IN COMPOSITE MATERIALS

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## Abstract

The damage of composite structure caused by impact events is one of the most critical damages that have been caused several design problems. Understanding damage and failure of composite materials is critical in order to produce a reliable and cost-effective design. Generally, the character of impact response influences the extent of structural degradation and type of damage. Therefore, it is important to identify the properties and physical parameters that determine the nature of impact response. We need to detect, characterise, size and localise the impact damage. This study presents types of damages in composite materials, impact damage and its classification in composite materials.

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