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Impact and Post-impact Behaviour of Layered Composites

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This research work aimed the study of impact behaviour of various sandwich type composites with different skin material and foam cores, confronted with the impact behaviour of the skin material alone. The study of contact force history curves obtained during the event was correlated with the immediate visual inspection and the residual compressive strength, obtained via CAI tests. Relevant results were obtained for various core-skin combinations versus skin alone. Interesting links with previous results on other composites were established as well.

Ключевые слова:

Содержание.

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