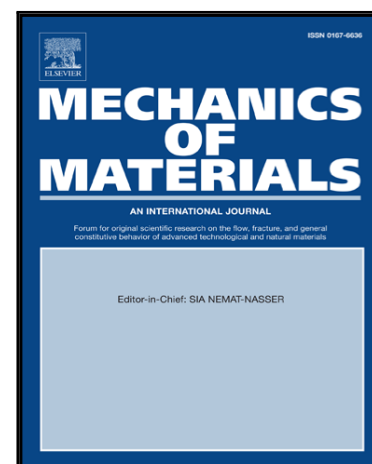


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Analysis of compaction in brittle foam with multiscale indentation tests

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Highlights

- Spherical indentation experiments conducted on lightweight plasterboard in a lab tomograph and on the high resolution synchrotron.
- Compaction mechanism in brittle foam analyzed by X-Ray tomography and Digital Volume Correlation.
- Failure scenario of plasterboard in spherical indentation is proposed.

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