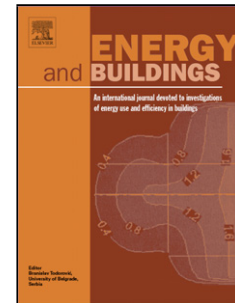


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Highlights

- Novel PCM-containing ceramic tiles were developed
- PCM was directly incorporated into lightweight ceramic tiles
- PCM load and materials thermal conductivity control tiles thermal performance
- Indoor temperature variation is decreased (up to 22%)
- Energy consumption is mitigated

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