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# Advances in the Development of Cool Materials for the Built Environment

## About the eBook

This eBook is a suitable reference on the technical and scientific competence related to effective application and integration of cool materials in the built environment. It is a useful guide for civil engineering and environmental management graduates as well as working professionals in the industry including architects, urban planners and environmental inspectors.

### Contents

- ▶ Urban Heat Island and Mitigation Strategies at City and Building Level
- ▶ White or Light Colored Cool Roofing Materials
- ▶ Colored Cool Materials
- ▶ Research on Thermochromic and PCM Doped Infrared Reflective Coatings
- ▶ Cool Pavements
- ▶ Materials Aspects of Solar Paint Coatings for Building Applications
- ▶ Cool Materials Rating Instrumentation and Testing
- ▶ Modeling Cool Materials' Properties

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