

SMART MATERIALS TURN UP THE HEAT



NEW RESEARCH MAKES IT POSSIBLE TO WORK WITH MATERIALS THAT REACT DYNAMICALLY TO EXTERIOR CONDITIONS.

The materials expand, contract and release heat in response to the temperature. If the material is used as part of the building envelope, the temperature inside can be regulated.

Examples include different types of plastics, as well as a kind of aluminum skin, which is being developed. These sensitive materials have long lives, are more energy efficient, and they are predicted to have a great future.