

## **Description of Additional Supplementary Files**

**Supplementary Movie 1:** Reveals process of the multi-temperature printed QR code, which is obscured by a crystalline cover layer. Uniform heating from the top, achieved here by placing a glass slide on top of the printed specimen and heating it evenly using a heat gun, melts the crystalline sections of the top layer, revealing the crystalline/amorphous multimaterial QR code structure, which can be scanned to reveal the phrase “3D-Encoding”.