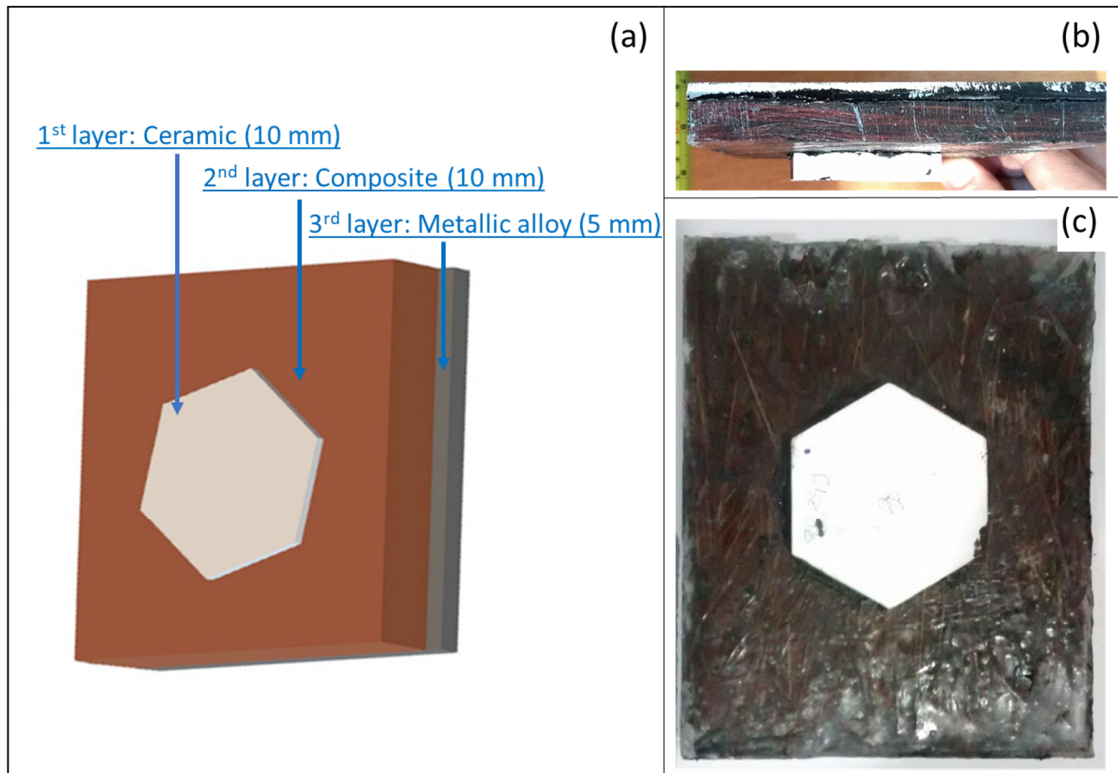


**Figure S1.** Hand lay-up processing. (a) metallic mold, (b) fiber placement, (c) resin addition, and (d) compression molding.



**Figure S2.** Macroscopic aspect of produced composites.



**Figure S3.** MAS (a) schematic illustration, (b) top view, and (c) front view.