

# **shikibo** *3D Preform*

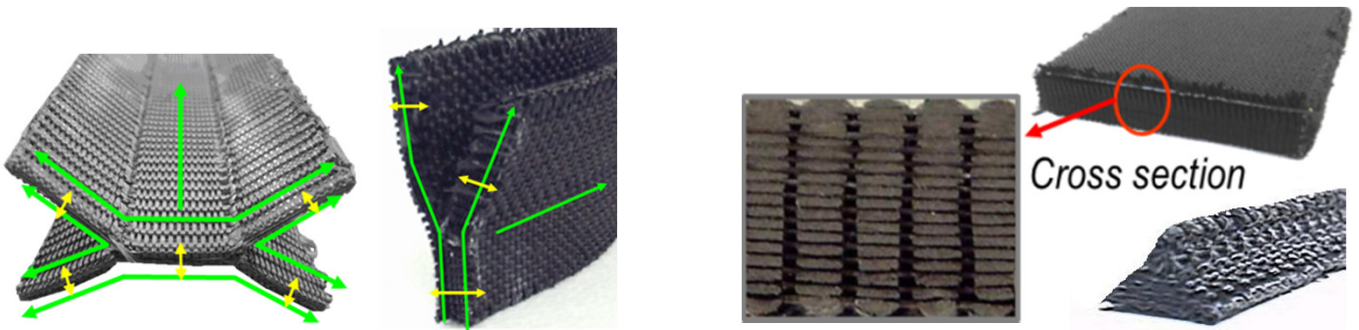
*Shikibo can provide any shape of three dimensional textile preform "3D Preform".*

The fiber can align in 0, 90 +45, -45 and any other direction, and Z direction fiber can be inserted through the thickness direction. Moreover, the fiber can be aligned along the curved pattern whereas conventional preform could not. As the strong point of this preform, no cut yarn and end are inside the preform at all.



Shikibo can be also provided long length 3D Preform.

We can provide not only flat plate, but also complex cross section such as triangular, circle, and others. This process has no limitation at length direction as the same of woven textile materials if it can be transported.



By using our technology, Shikibo is possible to provide the preform which is made of ceramic fiber. Since we have special coating technique to brittle fiber, we can produce the preform from the ceramic fiber. Of course, this coating material can be removed easily after preforming.

