



PATCH COMPRESSION

Aim: Make a patch by compression with cellulose and the silicated C2 protein.

Protocol:

- mix mechanically cellulose powder (Avicel) and the silicated C2 protein in the weight ratio you want.
- place a Kapton™ sheet and the mold on a steel plate.
- fill in the slots with the protein/silica/cellulose mixture.
- place a a Kapton™ sheet and a steel plate over it and compress at 200bars and at room temperature for 5min. The used press is a Darragon SE 10 (200bars, 100kN, 10T).
- release the strain and remove the patches from the mold.

Schematic:

