





Materials

- A1 liquid 
- A1 powder 
- A1 Triaxial fibre
- silicone mould

Tools

- scale
- cups
- brush
- mixer
- drilling machine
- multitool
- bolts and nuts



*This instruction sheet shows the making of the frontside of the A1 support mould. The backside is made similar.



1

Stabilize the silicone mould before starting to make the first support mould.



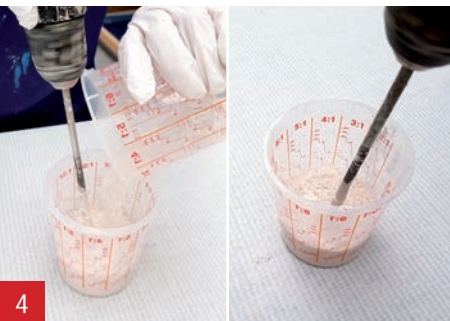
2

Cut the A1 Triaxial fibre into various sizes, enough for 4 layers.



3

Set up A1 liquid and A1 powder (1:2) in weight.



4

Gently add the A1 powder to the A1 liquid. Stir the mixer till all lumps have disappeared (± 1 min.) resulting in a smooth material.



5

Apply A1 with a brush on the silicone mould.



6

Add the A1 Triaxial fibre on the wet A1. Continue until the entire silicone mould is covered with A1 and a layer of A1 Triaxial fibre.



Again add a layer of A1...



...and apply a 2nd layer of A1 Triaxial fibre on the still wet A1.



Press the A1 Triaxial fibre. The fibre can be formed/shaped well.



Brush this layer again with A1. Repeat until you have applied 4 layers of A1 Triaxial fibre.



Let the A1 support mould dry for 60 minutes.



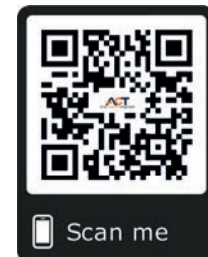
If desired, the A1 support mould can be finished with a multitool.



If needed, holes can be drilled in the A1 support mould to add bolts and nuts.



The A1 support mould is ready for use.



Scan the QR code and watch the video:
A1 support mould