A1 support mould

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.


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.

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The A1 support mould is ready for use. If needed, holes can be drilled in the A1 support mould to add bolts and nuts.

...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.

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

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