

BIOMATERIAL RECIPE

BIO CHIPBOARD

MAKES 1 SERVING OF 37/22/6 CM CUBOID

NOTES



INGREDIENTS

PREP TIME
30 MINS

DRYING TIME
2-3 DAYS

TOTAL COST
7 GBP

450 g mixed, dried timber waste
120 g cornstarch
1000 ml water
5 ml glycerol
2 g agar agar

INSTRUCTIONS

1. Mix 1000ml of water with 120g of cornstarch in the pot
2. Mix the 2 grams of agar agar and 5 ml of glycerol and add it to the water with starch
3. Heat this mixture and stir until it begins to bubble and it becomes a homogeneous thick paste
4. Turn off the heat and add timber waste. Mix it well.
5. Pour the mixture into a flat-bottomed mold.
6. Drying time depends on the ventilation of the mold and the temperature and humidity of the place. Probably won't dry naturally in UK. Use dehydrator.

UPCYCLED MATERIAL RECIPE

UPCYCLED PAPER

MAKES 1 SERVING OF 215/102.5/65 MM BRICK

NOTES



INGRIDIENTS

PREP TIME
25 MIN

DRYING TIME
5 HRS

TOTAL COST
2 GBP

2 pc old newspapers
300 ml water
1 pc wire net

INSTRUCTIONS

1. Tear Old Papers, Magazines or Newspapers.
2. Soak the Teared Papers.
3. Prepare the Net and Get Started.
4. Allow Paper Mache to Cover the Net.
5. Shape the Borders of Paper Mache.
6. Place the Paper Mache Side on a Non-Sticky Surface.

BIOMATERIAL RECIPE

BIO FIBERBOARD

MAKES 1 SERVING OF 21/10/2 CM BOARD

NOTES



INGRIDIENTS

PREP TIME
30 MINS

DRYING TIME
1-2 DAYS

TOTAL COST
3 GBP

50 g dried tree bark
15 ml cornstarch
250 ml water
5 ml glycerol
15 g agar agar

INSTRUCTIONS

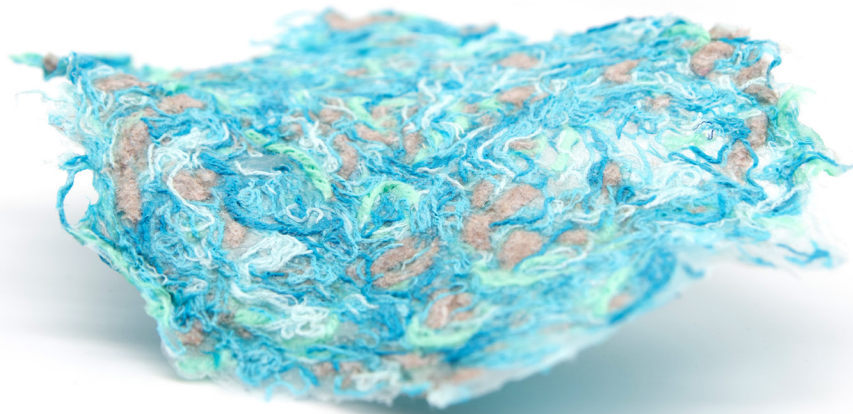
1. Mix agar and cornstarch with water. Then add glycerin.
2. Heat (medium heat) everything until it thickens and bubbles begin.
3. Turn off the heat and add bark. Mix it well.
4. Pour into the mold. Drying time depends on the ventilation of the mold and the temperature and humidity of the place.

BIOMATERIAL RECIPE

YARN BIOTEXTILE

MAKES RANDOM AMOUNT OF DIFFERENT ORGANIC SHAPES

NOTES



INGRIDIENTS

PREP TIME
60 MINS

DRYING TIME
12 HRS

TOTAL COST
3 GBP

200 g yarn offcuts
120 g cornstarch
1000 ml water
5 ml glycerol
10 ml vinegar

INSTRUCTIONS

1. Mix 1000ml of water with 120g of cornstarch in the pot
2. Mix the 2 grams of agar agar and 5 ml of glycerol and add it to the water with starch
3. Heat this mixture and stir until the begins to bubble and it becomes a homogeneous thick paste
4. Turn off the heat and add yarn offcuts. Mix it well.
5. Form the material by pouring it onto a mould.