

# PROPS AND ARMOR

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# Armor - Methods

Cardboard, Bristol Board or Foam + Duct Tape or Paint



Venessa Koch as Optimus Prime; Pic by Yuki

Leather



Metal





# Armor - Methods

Air Dry Foam

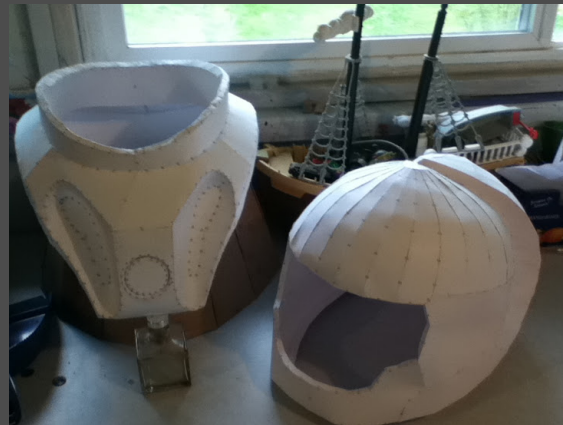
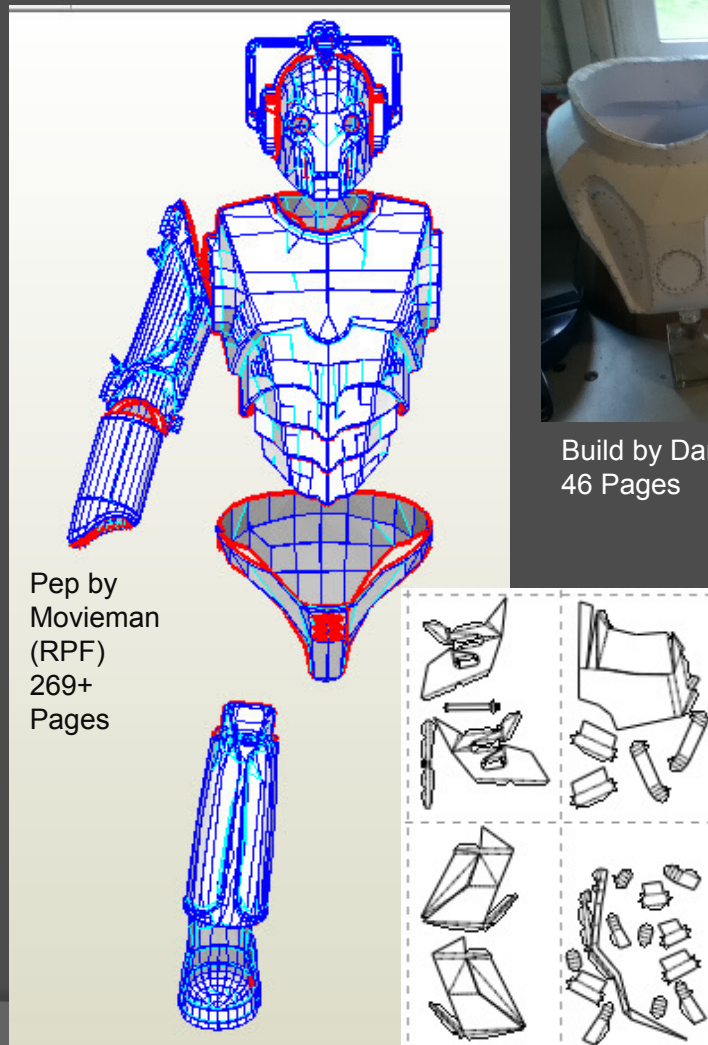


Thermoplastic

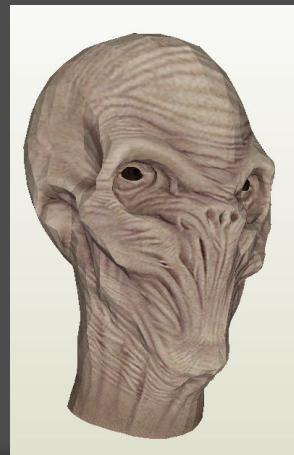


# Armor - Methods

## Pepakura + Resin



Build by DarthBatman (RPF)  
46 Pages



Pep by Moviemann (RPF)  
37 Pages

## Sculpt & Cast

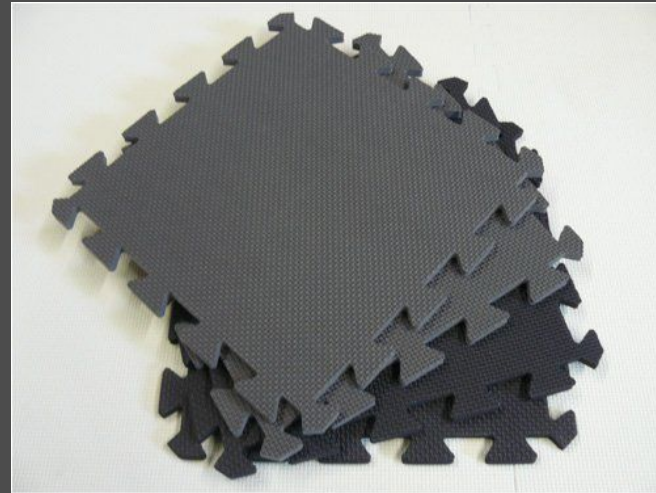


Sculpt by ~CB-FX (Charlie  
Bluett)



# Armor Methods

- Eva foam



# Armor - Methods

Foam by JF

## Pepakura

- 269 Pages

### Pages

3	logo
9	helmet face
11	helmet back
18	helmet top
22 x2	arm top
8 x2	arm lower
15	back top
3	back bottom
25	chest
11	waist
18 x2	leg upper
24 x2	leg lower
15 x2	shoe

## Foam - 158 Pages

### Pages

16

8 x2

6 x2

30

8

15 x2

15 x2

8 x2

### Part

helmet

arm top

arm lower

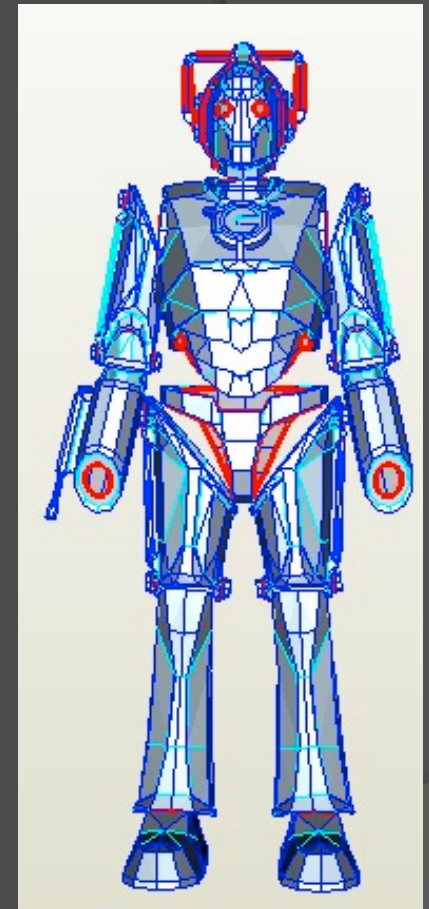
chest + back

waist

leg upper

leg lower

shoe



[www.therpf.com/f24/new-series-cyberman-pepakura-files-83623/](http://www.therpf.com/f24/new-series-cyberman-pepakura-files-83623/)

[www.therpf.com/f24/foam-speed-building-filesntricks-cyberman-dr-fate-added-148889/](http://www.therpf.com/f24/foam-speed-building-filesntricks-cyberman-dr-fate-added-148889/)



# Armor - Methods

	Look	Ease	Cost	Mobility	Durability
Bristol Board + DT	OK	Days	\$100	High	Days-Weeks
Foam + DT	OK	Week	\$150	Highest	Weeks
Foam + Paint	Good	Weeks	\$200	Low-High	Days
Air Dry Foam + Paint	OK	Month	\$500	High	Days-Months
Thermoplastic	Good	Month	\$350	Medium	Months-Years
Leather	Best	Months	\$1000+	Medium	Years
Pepakura + Resin	Best	Months	\$500	Low	Years
Sculpt & Cast	Best	Months	\$1000+	Varies	Months-Years
Metal	Best	Year	\$1000+	Low	Years

# Comfort

Egress

Buckles, Velcro

Weight

Metal vs. Metal Look

Heat

Vents

Fans

Phase-Change Cooling Packs

Storage

Pockets

Hidden Compartments

Gloves

Conductive fiber

Conductive paint



Image Source: [www.ice-packs-store.com](http://www.ice-packs-store.com)



# Prop Making Tools



## ● Basic

- Scissors, Stapler, Gorilla Duct Tape, Amazing Goop, Fusion Paint

## ● Intermediate

- Rotary tool (Dremel) + Cutting Disk
- Drill + Sanding Disc (velcro)
- Basic Electronics (LEDs, Fans, etc.)

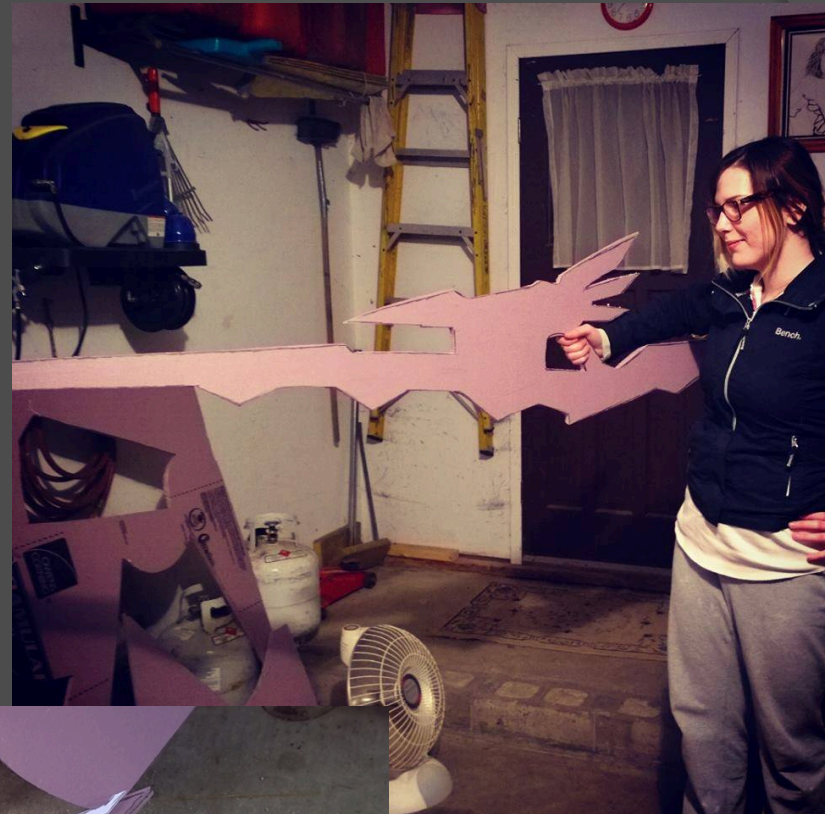
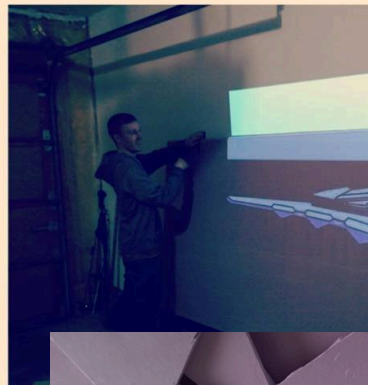


## ● Advanced

- Casting/Sculpting (Sculpture Supply Canada)
- Electronics (Arduinos)



# Installation Foam for props



Created 3d depth  
with foam pieces layered  
on top



# Bondo On Pink Foam

Bondo Applied on pink foam



Sanded Bondo and primed with Killz primer



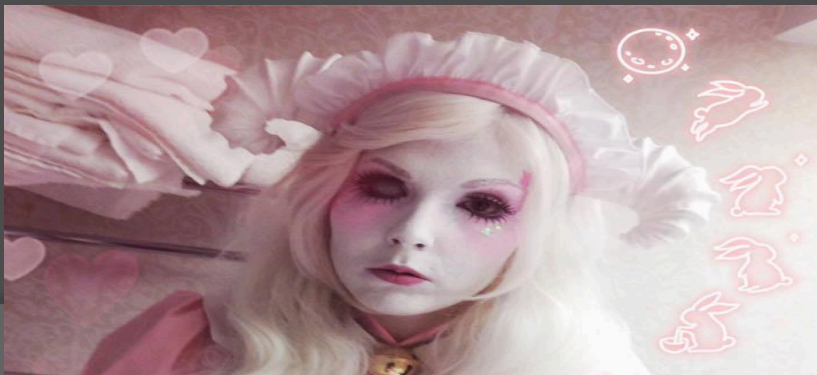
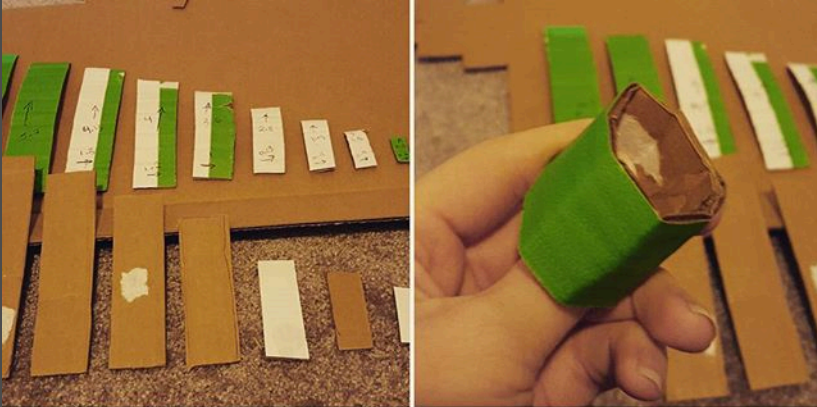


# Prop Selection

- ⦿ Does it need to be home-made?
- ⦿ Fun vs. Screen-Accuracy
- ⦿ Is it comfortable?
- ⦿ Is it safe?
- ⦿ How long should it last?
- ⦿ Weathering

# Be creative!

Cardboard and hot glue  
To create horns



Foam ball, clay, and  
paper mache to  
Create a man eating  
plant