

HYDROGRAPHICS & DIY - HYDRO DIPPING: AN INTRODUCTION



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WHAT IS IT HYDROGRAPHICS?

- IT IS THE METHOD USED TO GIVE 3 DIMENSIONAL SURFACES A PRINTED, USUALLY PATTERNED, DESIGN. THIS PROCESS ALSO GOES BY THE NAMES OF WATER TRANSFER PRINTING, WATER TRANSFER IMAGING, CUBIC PRINTING, IMMERSION PRINTING OR HYDRO DIPPING.



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WHAT MATERIALS CAN THIS BE DONE ON?

- PLASTIC
- METAL
- HARD WOODS
- FIBERGLASS
- AS WELL AS OTHER MATERIALS
- IF IT CAN BE DIPPED IN WATER AND PAINTED IT WILL WORK



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WHAT MATERIALS DO YOU NEED?

HYDROGRAPHICS

- POLYVINYL ALCOHOL HYDROGRAPHIC FILM
- PRIMER/BASE COLOR PAINT
- CLEAR COATING PAINT
- HYDROGRAPHIC FILM ACTIVATOR
- A LARGE DIPPING CONTAINER
- TAP WATER
- THERMOMETER
- GLOVES
- SCUFF PAD
- SANDPAPER



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WHAT MATERIALS DO YOU NEED?

DYI - HYDRO DIPPING

- PAINTERS TAPE
- WHITE PRIMER KRYLON – COVER MAXX
- PAINT KRYLON COLORMASTER - COVER MAX
- 5 GALLON BUCKET
- GLOVES
- CLEAR COAT

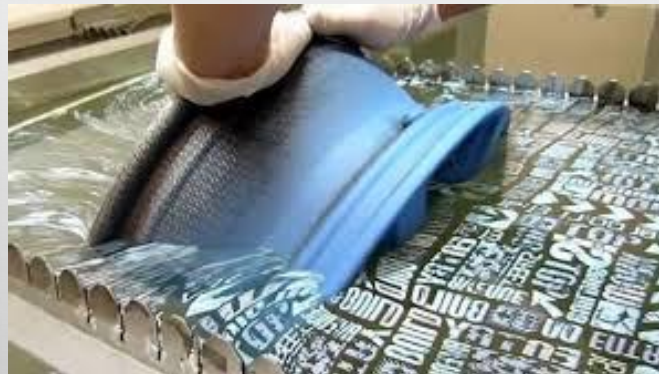


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SO LET'S SEE IT PROFESSIONALLY DONE!

WATER TRANSFER PRINTING HYDROGRAPHICS APPLYING PRINTED DESIGNS TO THREE-DIMENSIONAL OBJECTS – 5:00

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=ENFSOICO-LA](https://www.youtube.com/watch?v=ENFSOICO-LA)



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THE DIY HYDRO DIPPING PROCESS EXPLAINED

1. Prepare The Tumbler

- Wash with soap, make sure to get any sticker residue off
- Scuff up the surface, steel wool or sandpaper
- Clean it again and dry it
- Tape off areas you don't want painted

2. Apply the Primer/Base coat color

- Apply 2/3 coats letting it dry between coats
- For best results, dip the tumbler within 24-48 hours

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3. Prepare the Dipping Bucket and Paint

- Fill the bucket with warm water (75-90 degs. F)
- Don't fill the bucket too full so that it doesn't overflow when you make the dip
- Spray the paint into the bucket from around 6 to 8" away (if bubbles form pop them)
- Add the different colors of paint until the surface of the bucket is covered

4. Dipping the Tumbler

- Put gloves on and dip the tumbler slowly into the bucket at a slight angle (prevents trapped air)
- Once you have totally submerged the tumbler swirl it around to move excess paint out of the way
- Blow the water gently off of the tumbler
- If there are any water bubbles trapped under the paint carefully pop them

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5. Finishing The Tumbler

- Once the paint has totally dried carefully take the tape off
- Before painting the clear coat reapply the tape leaving a thin margin of the stainless exposed
- Apply the clear coat, the more coats you apply the more protection it will give

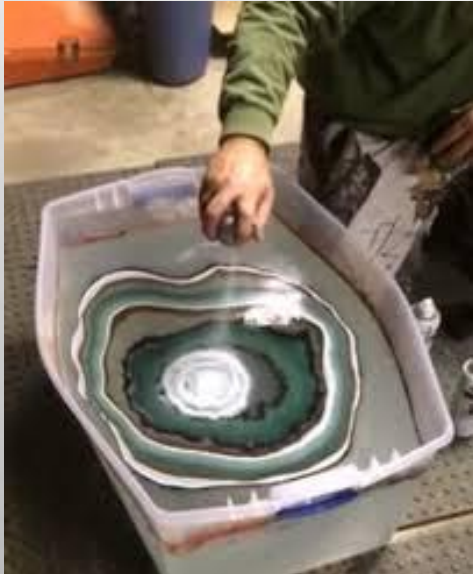


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SO LET'S SEE THE DYI PROCESS!

DIY CUSTOM TUMBLER WITH HYDRO DIPPING – 4:36

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=REUOQ8QVPJS](https://www.youtube.com/watch?v=REUOQ8QVPJS)

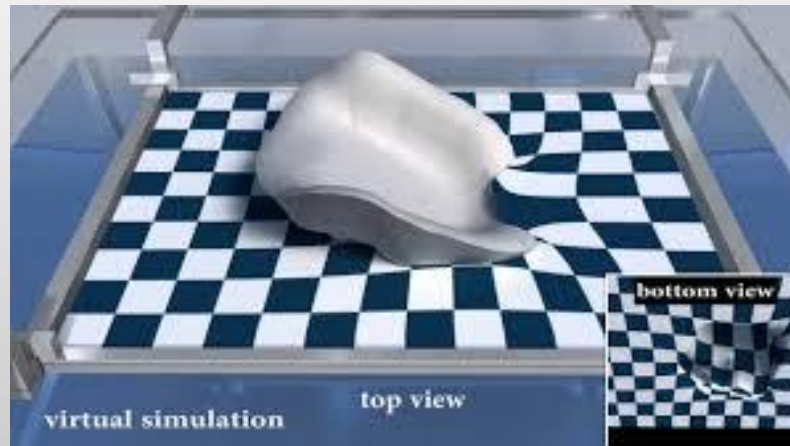


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SO LET'S WATCH SOMETHING REALLY COO!

COMPUTATIONAL HYDROGRAPHIC PRINTING (SIGGRAPH 2015) – 4:55

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=YLUHPRAQIY0](https://www.youtube.com/watch?v=YLUHPRAQIY0)



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NOW ALL YOU NEED TO DO IS GET OUT THERE AND DO IT!

ANY QUESTIONS?

THANK YOU FOR YOUR ATTENTION!



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