

Modeling Water 101

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October 30, 2010



Water Techniques

- Mod Podge
- Magic Water
- Silicone Caulk



Mod Podge

- Materials List
- Installation Procedure
- Demonstration



Mod Podge Materials List

- Plywood (or Styrofoam) Substrate
- Joint Compound (or Plaster of Paris) - for Base Coat
- Mod Podge** - for Water Surface
- Brush
- Craft Paints
- Scenic Material - for Water's Edge



Mod Podge Materials List

- ❑ Craft Paints:
 - ❑ Ocean/Sea: *Folk Art 908 Indigo*
Premiere Acrylic Cerulean Blue
 - ❑ Fresh Water: Brown & Green Tones

- ❑ Scenic Material - for Water's Edge:
 - ❑ Foliage: Clump & Course Foliage
 - ❑ Talus: Course Medium



Mod Podge Installation Procedure

1. Clean substrate thoroughly
2. Apply Joint Compound (or Plaster of Paris)
3. Let dry completely
4. Apply **1st** coat of paint
5. Allow paint to dry
6. Apply **2nd** coat of paint - generously
7. While **2nd** coat still is wet, stipple **3rd** coat into **2nd** coat
8. Mix to your desired color
9. Let dry overnight



Mod Podge Installation Procedure

10. Add any details along Edges and/or in Water

- Edges: fallen tree limbs, old tires, rocks, weeds, etc.
- Harbors: docks, pilings, rocks, seawalls, wharfs, etc.

Note: If adding large docks or wharfs, a layer of **Mod Podge** must be applied underneath their planned location before placing them in the scene

11. Dab on **1st** layer of **Mod Podge**, using stipple technique

12. Let dry approximately **4** hours (or until it turns clear)

13. Add successive layers in only **¼-inch** increments

14. Allow sufficient drying time between each application

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Mod Podge was used to model this harbor wharf scene effectively on my Dutchess & Hudson Valley HO layout.





Magic Water

- Materials List
- Mixing Procedure
- Setting Procedure
- Demonstration



Magic Water Materials List

- Plywood (or Styrofoam) Substrate
- Joint Compound (or Plaster of Paris) - for Base Coat
- Magic Water** - for Water Surface
- Craft Paints
- Scenic Material - for Water's Edge



Magic Water Materials List

- ❑ Craft Paints:
 - ❑ Ocean/Sea: *Folk Art 908 Indigo*
Premiere Acrylic Cerulean Blue
 - ❑ Fresh Water: Brown & Green Tones

- ❑ Scenic Material - for Water's Edge:
 - ❑ Foliage: Clump & Course Foliage
 - ❑ Talus: Course Medium



Magic Water Mixing Procedure

1. In a glass or plastic cup (**not** styrofoam), mix:
1-part Hardener from bottle “**A**”, with
2-parts Resin from bottle “**B**”
2. Stir slowly for about **5** minutes
3. Simply pour onto your model as if it were real water



Magic Water Setting Procedure

- ❑ **Magic Water** sets up in approximately **12** to **24** hours
- ❑ Cover your modeled water area while it is setting up.

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The self-leveling feature of **Magic Water** made it the product of choice for modeling this pond scene on my Dutchess & Hudson Valley HO layout.



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Silicone Caulk

- ❑ Materials List
- ❑ Installation Procedure
- ❑ Demonstration



Silicone Caulk Materials List

- Cellophane (or Acetate) - for Back of Water Falls
- Clear** Silicone Caulk & **White** Silicone Caulk
- Caulking Gun
- Course Tooth Saw Blade
- Paint Thinner - for Cleaning Saw Blade
- Paper Towels - for Clean Up



Silicone Caulk Installation Procedure

1. Determine planned size of waterfall
2. Cut cellophane (or plastic) - **1-inch** larger all around
3. Attach cellophane (or plastic) to scrap wood (styrofoam)
4. Prepare all needed material and tools:
 - ❑ Lay out all tools needed
 - ❑ Open caulking tubes
 - ❑ Fill plastic cup 1/2-way with paint thinner



Silicone Caulk Installation Procedure

5. Install **Clear** Silicone in a vertical fashion
6. Dip coarse tooth saw blade into paint thinner
7. Drag coarse tooth blade through silicone to create ridges
8. Add **White** Silicone in a streaking pattern top to bottom
9. Repeat steps # **6** and **7**
10. Clean all tools with paint thinner



Silicone Caulk Installation Procedure

11. Let waterfall dry for at least **24** hours
12. Trim waterfall to desired size
13. Install into scene with any glue that dries clear
14. Fill-in top & bottom of waterfall w/water method of choice

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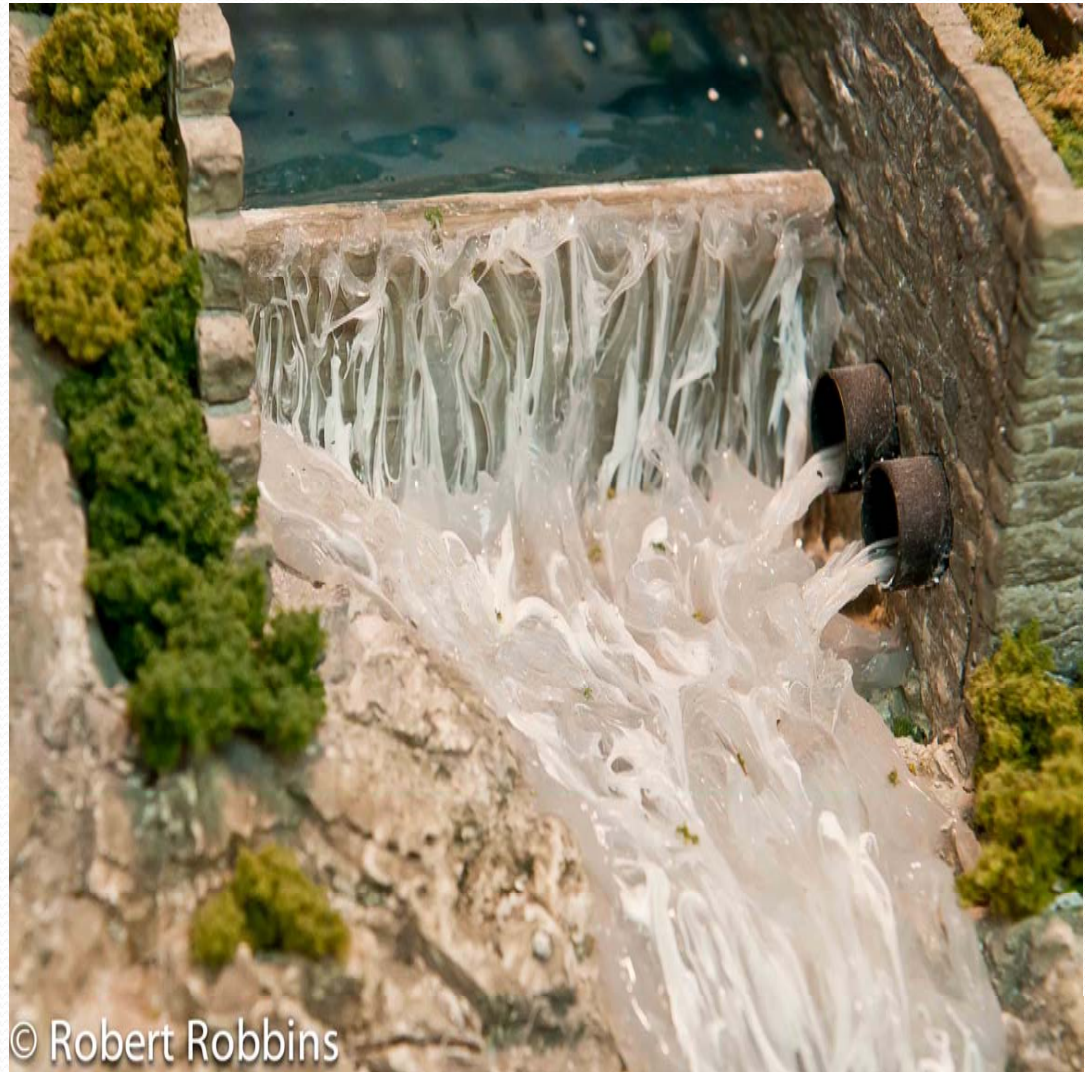
Silicone caulk is an ideal product for realistically modeling rapidly moving water such as this scene on my Dutchess & Hudson Valley HO layout.



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Silicone caulk also can prove useful for modeling either waterfalls or drain pipes, both of which are modeled in this scene on my Dutchess & Hudson Valley HO layout.



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Conclusion

Modeling Water
Is
EASY!



Conclusion

The Only Hard Part Might Be
Access
To the Location.

Sometimes
You Have To

Levitate!

