

# Weathering Demonstration - Parts List

## General bits

Cotton buds  
Cocktail sticks  
Water supply + small pots  
Acetate sheet for mixing paint on

## Brushes

Ordinary Coloro  
Stipple  
Flat

## Humbrol Enamel Washes

Black  
Dark Grey  
Dark Green  
Dust

## Humbrol Weathering Powders

White  
Smoke  
Rust  
Iron Oxide  
Dark Earth

## Carriers, Thinners, Fixers &c

Humbrol Decalfix  
Humbrol Matt Cote  
Humbrol Clear  
Humbrol Matt Spray Acrylic Varnish No 49

## Useful Resources

Humbrol Website: <http://www.humbrol.com>  
Humbrol Youtube Channel: <http://www.youtube.com/user/humbrol>  
Useful source of inspiration: <http://paulbartlett.zenfolio.com>

## Acrylic or Enamel?

Acrylic Product	Enamel Product
Acrylic Paints (Humbrol plastic pots)	Enamel Paints (Humbrol metal tinlets)
Acrylic Thinners	Enamel Thinners
Decal Fix	
Humbrol Clear (available as Gloss Satin or Matt)	Matt Cote, Satin Cote, Gloss Cote
Aerosol Varnish for Acrylic finishes	Aerosol Varnish for Enamel finishes

## Some words about paint chemistries:

### Enamels:

Enamel paint has been around a long time and is based on an oil chemistry, this means that tinlets of enamel paint from Humbrol, Revell, Railmatch and Precision can be mixed and matched with thinners from these companies and – in extremis – even with common or garden white spirit. Ok, a very simplistic statement but it does for the most part hold true; there are some exceptions (such as Precision etch primer needing a specific thinner) but I regularly use unbranded thinners with Humbrol, Railmatch and Precision.

### Acrylics:

The problems with acrylic paint is that it is a much more recent invention and for the most part the companies that produce it have their own “proprietary” water or alcohol based chemistries. This means that while it “MIGHT” be possible to use a thinner from one company with paint from another it is NOT ADVISABLE.

There is also a lot of misinformation abroad, “they” say that it is possible to clean brushes with water (true) and that you can use water to thin acrylic paints for airbrushing (definitely inadvisable). A part of my university course was given over to the sort of chemistry at play here so I possibly have a deeper understanding of what is going on here than most people do and all I can say is that the best advice I can give is to settle on one paint system – say Tamia, Humbrol or Games Workshop – and stick with that system. It is definitely not advisable to mix and match products the way I do with enamels.

A point worthy of note about Humbrol Acrylic Thinners: they contain a chemical that acts as a drying retardant. One generally recognised problem with acrylic paint is that it dries very quickly, this means that if you are airbrushing it it can dry inside the airbrush, if you airbrush Humbrol acrylic and thin it with its own proprietary thinner it actually behaves much more like an enamel paint in terms of drying times.

## A final little known fact

Humbrol Model Filler can be “diluted” using Humbrol Liquid Poly cement. This makes it easier work it into a small gap in a model.

Where to find these notes

[www.fareham-mrc.org.uk/exhibitions/demonstartions/](http://www.fareham-mrc.org.uk/exhibitions/demonstartions/)

