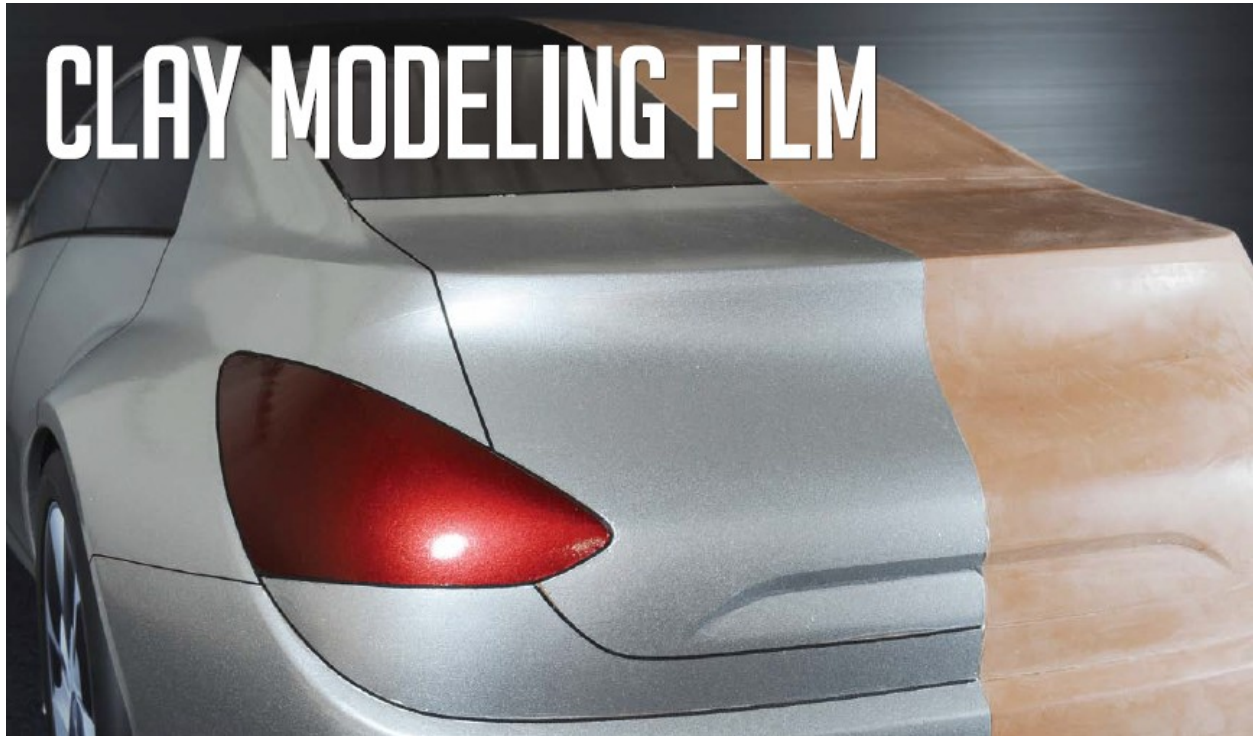


## Clay Modeling Film

The series of Clay Modeling Film, originally developed by TOOLS INTERNATIONAL Corp, is mainly used for interior/exterior shape confirmation, checking highlights and qualification studies in the clay model fabrication process.



### Features of Clay Modeling Film

Clay Modeling Film was developed primarily to be used for modeling and fitting of industrial clay models. When applied to clay surfaces it can be used for checking surface highlights and the model looks much more like the finished product. Using Clay Modeling Film is good for the environment because it can be applied and peeled off the clay surface. Therefore applying paint or using solvent is unnecessary.

When using the clear Clay Modeling Film it is necessary to apply paint, (organic solvent) beforehand.

### Use Clay Modeling Film

- For modeling and fitting with Industrial Clay
- For modeling and fitting with resin parts
- For other applicable modeling and fitting





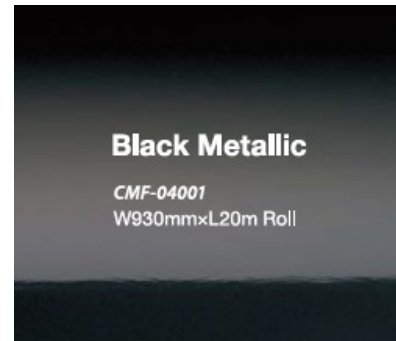
**Clear**

CMF-01001  
W930mmxL30m Roll



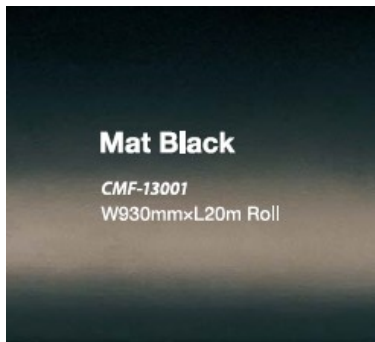
**Silver**

CMF-03001  
W930mmxL30m Roll



**Black Metallic**

CMF-04001  
W930mmxL20m Roll



**Mat Black**

CMF-13001  
W930mmxL20m Roll



**Steel Gray**

CMF-15001  
W930mmxL20m Roll



**Red**

CMF-05001  
W930mmxL20m Roll



**White Metallic**

CMF-07001  
W930mmxL20m Roll



**Gunmetal II**

CMF-06002  
W930mmxL20m Roll

**Clay Modeling Film Clear**

This is a transparent film. Paint the surface of the film with lacquer type paint. The paint will soften the film. Soak the film in water, peel off the paper backing and apply the film to the clay surface.



Clay Modeling Film Clear



Clay Modeling Film Silver



Clay Modeling Film Red



Clay Modeling Film Black-M

**Colored Film**

Colored film is frequently used at the production site. You do not have to paint the surface, just use "as is". After soaking the film in water, peel off the back paper and apply the film to the clay surface.

If the clay surface is sprayed with water beforehand positioning the film can be done easily. You can gently remove air bubbles with a rubber squeegee. Apply the film on the clay surface and wipe excess water with a paper towel. Clean the surface with a paper towel to remove water marks and drops to get the perfect finish.



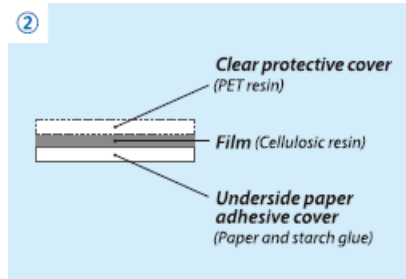
# How to use Clay Modeling Film

## How to set up the colored film

The surface protective film, (a clear polyester resin) must be peeled off prior to soaking the Clay Modeling Film in warm water. The absorbent backing paper will come off in a few minutes. The film is now ready to be applied to the clay surface. First moisten the clay surface by spraying it with water. This will make it easier to adjust the position of the film and get a finely finished surface. Remove excess water and the foam that is generated with a rubber squeegee to adhere the film to the clay surface. Wipe water from the finished surface with a cloth or paper towel.



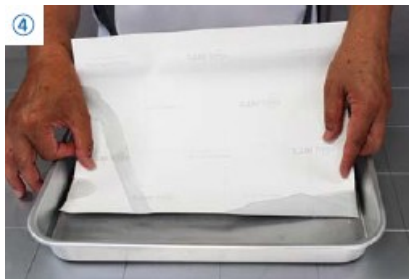
1 Cut the film slightly larger than the item to be covered.



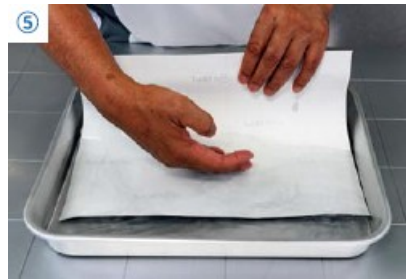
2 The three layers of Clay Modeling Film.



3 Remove the protective layer from the substrate before use.



4 Soak the face of the absorbent backing paper in a tray of warm water.



5 Note the "wet" look of the soaked paper backing.



6 Position the film completely below the surface of the water.



7 After soaking for a few minutes, the absorbent backing paper will easily peel away from the film.



10 Carefully lift the film by the corners and turn it face up.





*First moisten the surface of the clay by spraying it with water. Then carefully cover the clay model with the film.*



*Adjust the film's position, removing the water and foam from under the film with a rubber spatula or squeegee. Then it will adhere to the surface of the clay surface.*



*Remove water droplets and any remaining foam from the surface with a soft cloth or paper towel.*



*Trim the edges of the film with a sharp tool while the film is still wet. Finish the film edge with a spatula.*



## FAQ for Clay Modeling Film

### **1, Is Clay Modeling Film an adhesive type sheet?**

Yes, it is a water based adhesive backed membrane.

### **2, What is Clay Modeling Film used for?**

The film is specifically used for checking highlights, qualification studies and presentation models.

### **3, What is the shelf life of Clay Modeling Film?**

If stored in a cool, dry environment and away from direct sunlight the shelf life can be over a year. In places with high humidity and direct sunlight film shrinkage and discoloration may occur.

### **4, Is a “Try-Out” of Clay Model Film necessary?**

No, but we recommend that you do so before the actual fitting. Starting with a small simple model can help you understand the characteristics of this product.

### **5, What tools will I need for working Clay Modeling Film?**

The basic tools you will need are cutting tools like scissors or a sharp bladed knife, a tray to soak the film in, a water sprayer, rubber or soft plastic spatula and cloth or paper towels.

### **6, Does Clay Modeling Film “Clear” need to be painted?**

Yes! The paint acts as an organic solvent. Without pre-painting the “Clear” film does not stretch at all. It becomes elastic because of the solvent in the paint.

### **7, How long should the film be soaked in water?**

The soaking time varies depending on size of the film and environmental conditions. When the paper backing slides easily it is ready for use.

Remember to change the water often as glue builds up in the water and can cause discoloration on the surface of the film.

The used water is not harmful as it is just water and starch glue. It can be disposed of normally.

### **8, What is the scale size printed on the paper adhesive cover?**

Thin line: 100mm plotting (50mm scale)

Thick line: 500mm plotting

The mark is helpful when cutting and aligning the film.

### **9, Can Clay Modeling Film be re-used?**

We do not recommend reusing the film. Most of the glue is removed after the first use and most likely good adhesion will not be possible if the film is reused.