

Preparation

NEW WOOD

Make sure that the surface is perfectly smooth and free from grease. If a sanding machine is used, finish off by hand sanding with the grain, or machining marks like fish scales may show when finishing. The wood may be left in the natural colour or stained with Rustin's Wood Dye. Other makes of stain may change colour when finished with Plastic Coating. A minimum of three coats of Plastic Coating should be applied but if the wood is open grained, fill in the grain with Rustin's Grain Filler before coating and leave at least 12 hours to harden. If grainfiller is not used, extra coats may be required. Large cracks or holes can be filled with Rustin's Wood Stopping. Plaster or plastic based fillers must not be used.

Plastic Coating gives an excellent finish to work benches, counter or table tops which have been made from hardboard or MDF, but extra coats will be required due to their absorbency. No special surface preparation is necessary.



RE-COATING OLD FINISHES

Old finishes must be completely removed before using Rustin's Plastic Coating. Do not use a caustic stripper - Strypit Paint and Varnish Stripper is recommended. If the old finish is not completely stripped it may lift slightly, or give a rippled effect on the first or second application of the Plastic Coating. This does not matter if it is well sanded before the next coat. If at any time the old finish has been wax polished, it is essential that all the old wax is removed, not only from the surface but from the pores of the wood. Do this with steel wool and white spirit and when dry, scrub with water and a detergent. On no account use Soda. Rinse with clean water to which a little acetic acid (white vinegar) has been added and leave for at least 24 hours to dry before coating. This is extremely important, as the slightest trace of wax or grease on the surface of the wood will stop the Plastic Coating from drying.



BLEACHED WOOD

An attractive finish is obtained when using Plastic Coating on wood bleached with Rustin's Wood Bleach. Care must be taken however that the bleach is completely neutralised with a solution of Spirits of Salts and water. Use 1 part of Spirits of Salts to 7 parts of water.



Ideal for Marquetry & Wood Turning Will not yellow or craze

Plastic Coating gives an excellent mirror like Gloss finish to Turned Wood and Marquetry, bringing out the natural beauty of the wood and veneers.

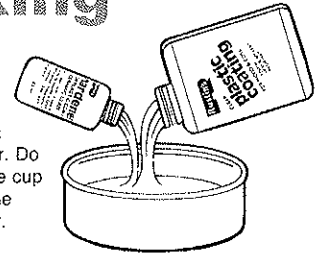
For full details on the application of Plastic Coating to Turned Wood and Marquetry send S.A.E. to Rustins Ltd.

Mixing

HOW TO MIX

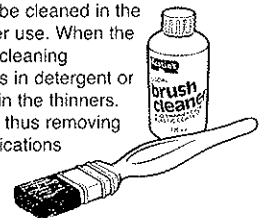
Before use the Plastic Coating must be mixed well with the Hardener in a glass, polythene or enamel container. Do not use a metal container, except the cup of a spray gun, as it will react with the hardener and the coating will not dry. The correct amount of Hardener is supplied for the Plastic Coating and it is important to keep the same proportions when mixing only part of the coating.

For example, if using half the contents of the bottle of Plastic Coating then use half the bottle of Hardener. The correct ratio of Hardener to Plastic Coating is 1 to 4 by volume. Once mixed the coating will harden in 2 to 3 days in an open container. The Clear will keep for a longer time than the Black or White Plastic Coating, but all will keep longer if stored in a cold place in a jar sealed with cling film or polythene. Only mix sufficient for the work in hand and do not pour any left over mixture back into the bottles.



BRUSHES

Once the Plastic Coating is dry it cannot be re-dissolved and the brushes used for the application, must be cleaned in the special thinners immediately each time after use. When the thinners have been used several times for cleaning brushes, it is advisable to wash the brushes in detergent or water soluble brush cleaner after cleaning in the thinners. The brushes can then be washed in water, thus removing all traces of Plastic Coating. If several applications are being made the same day, leave the brush in the Plastic Coating and cover the container and brush with a piece of polythene or cling film.



Specially for Wood & Cork Floors

If floors only are being treated, Rustin's Clear Plastic Floor Coating should be used. It dries faster than Plastic Coating and can be walked on in 2 hours. Available in Satin or Gloss finishes in 1 litre and 4 litre sizes.



WARNING

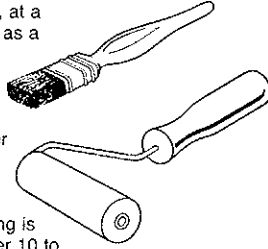
The solvents used in the Plastic Coating and special Thinners are flammable and should not be used near a naked flame. The Hardener is acidic and care should be taken to avoid spilling any on the skin or clothes. Should this occur, wash well with water.

Rustin's Plastic Coating reaches maximum heat and solvent resistance after 5 to 7 days. During the first few days therefore, avoid spilling solvents or putting hot plates or cups on the surface.

Application

BRUSH AND ROLLER

Apply in a well ventilated, warm dry room, at a temperature of not less than 18°C (65°F), as a cold atmosphere will prevent the Plastic Coating from drying completely. The higher the temperature, the quicker the drying time. Use a good paint brush or foam plastic roller. Load the brush or roller well and apply quickly and evenly. Do not overbrush, the coating will flow out leaving an even film. When coating large areas try to keep a wet edge as the coating is quick drying and will pull on the brush after 10 to 15 minutes. The first coat will be dry in 1 hour and ready for a second coat in 2 hours. You can apply another coat as soon as the first is touch dry even though it is not completely hard. Before applying another coat, lightly rub down with very fine Wet and Dry paper to remove any "pimples" or runs.



If it is not possible to apply all the coats of Plastic Coating the same day, care should be taken when applying the next coat. The film goes through a critical stage when it is still soft enough to be affected by the solvents in the next coat of Plastic Coating, but is too hard to be redissolved, and at this stage the film swells causing the surface to become wrinkled. The time taken to reach the critical stage cannot be given as it varies according to the temperature. It is usually between 12 to 24 hours after the Plastic Coating has been applied, but might be longer if the temperature was too cold. If therefore there is a tendency for the Plastic Coating to wrinkle when applying additional coats, leave for three to four days in a warm room to harden thoroughly.

NOTE:

If the coating still feels tacky after 2 hours it could be for one of the following reasons: Insufficient hardener used. Surface not free from wax or grease. Incorrect filler used. Temperature of atmosphere where coating was applied too low. If for any of these reasons the coating is tacky, leave the work in a warm room and it will dry eventually, although if wax is present it may take several days.

SPRAYING

Plastic Coating gives an excellent finish when sprayed. The pressure should be approximately 60lbs. p.s.i. If a low pressure gun is used, thin the coating with the special thinners. The amount required being found by trial and error.

1 litre covers approximately 15 sq. metres. - one coat.

Rustin's Clear Plastic Coating is available in the following sizes:

COMPLETE OUTFIT containing 250ml Plastic Coating, 63ml Hardener, 135ml Thinners and small Burnishing Cream

CLEAR PLASTIC COATING & HARDENER - 250ml, 1 litre and 4 litre

PLASTIC COATING BURNISHING CREAM - Small jar and 250ml

PLASTIC COATING THINNERS - 135ml, 250ml, 500ml and 5 litre

For Ceramic Restoration use

RUSTIN'S PLASTIC COATING CERAMIC GLAZE

available in 250ml, 1 litre and 4 litre sizes

Finishing

MIRROR LIKE GLOSS FINISH - with Burnishing Cream

If a very smooth highly polished surface is required, leave the last coat of Plastic Coating 24 hours or longer to harden thoroughly, then rub down with very fine Wet & Dry paper until all imperfections are removed. For a really first class finish the surface should now have a fine matt appearance when dry. Any shiny spots indicate hollows in the surface that have not been reached with the paper. Care should be taken when rubbing these down as it is easy to rub back to the wood. Use the Burnishing Cream according to the instructions. It is at this stage that the final polished surface is obtained. If, after burnishing, any imperfections are apparent, you can always rub down again and re-burnish.



If after burnishing, the surface feels very smooth but has a slightly misty appearance when viewed from a low angle it is because the Plastic Coating is not completely hard and only a hard surface can be burnished. The surface should be left for several days and then re-burnished. The article may be used meanwhile. If an electric buffing machine is used, add water to the cream to prevent it drying too quickly. If some hours after burnishing the wood takes on a limed oak appearance (white in the grain), it is because the grain was insufficiently filled. The Burnishing Cream fills in the open grain, where the coating has sunk, and on drying turns white. The paste in the grain may be removed by rubbing well with a damp cloth or brush. By using 400 or 600 grade Wet and Dry paper with water for rubbing down between coats and before burnishing a really excellent finish is obtained. After rubbing down between coats, wipe with a damp cloth and allow to dry before the next application of coating. If surface ever becomes scratched, rub down until the marks disappear and burnish.

SATIN OR MATT FINISH

Apply 2 or more coats of Plastic Coating and when dry, rub with the grain with fine steel wool and wax polish. 000 or 00 grade for Satin, 0 or 1 grade for Matt and wipe with a soft cloth.



OPEN GRAINED OIL TYPE FINISH

A finish similar to oiled wood in appearance but with heat and solvent resisting properties can be obtained with Clear Plastic Coating. The Plastic Coating and Hardener should be mixed in the correct proportions and then mixed with the thinners in equal proportions. The thin mixture can then be wiped on the wood liberally with a piece of rag, and after a few minutes, the surplus removed with clean rag. Three applications should be sufficient.