

WINDOW PRODUCT GUIDE

Window Mitre Grooves

KO243 Colour Edging Pens - A highly pigmented solvent based acrylic resin paint pen with weather resistant properties. The unique valve mechanism in the neck of the pen improves paint flow. This is designed for painting in mitre joints or corner grooves. Featuring a bullet tip for good general coverage, these pens have two replacement tips stored in the plastic insert located in the base of the pen. The replacement tips consist of one bullet tip and a chisel tip for finer, more detailed work. Spare tips can also be purchased separately in packs of ten. These pens are available colour matched to all of the popular Renolit and Cova foils and Composite colours.

Scuff Marks

KO655 Polishing Paste - To polish out fine scratches and scuff marks on gloss UPVC surfaces. Prepare the area to be repaired by lightly rubbing with 1200 grit wet & dry. This product does not leave any residue and is also ideal as a finishing product on UPVC to adjust the sheen level on repaired areas. Always apply in small amounts and rub into the profile lengthways. The more pressure you apply, the higher the gloss finish will be.

Scratches and Small Holes

KO141 & 143 Hardwax Plus - This filler is colour matched to the UPVC extrusion companies. The filler needs to be applied with the gas heating iron and then levelled using the special applicator and then 1200 grit wet and dry paper.

Severe Gouges and Edge Damage

KO151 to 153 Rex-Lith Filler - A two component filler mixed to a ratio of 10:1 with a quick processing time and very little shrinkage. Ideal for major repairs such as rebuilding corners, cut outs for fittings and deeper gouges. Available in transparent, wood and white finish.

Touching up - Finishing

KO240 Colour Touch-up - Can be used over the hard wax for final touch-up to recreate any grain detail. These paints are available colour matched to the popular UK window colours of rosewood, cherry base (also known as golden oak or light oak), mahogany base and grain and black.

KO396 PF Covering Lacquer - Lightfast and weather resistant pigmented acrylic lacquer with a matt Finish. Available in a range of profile matched colours. Apply the colour matched lacquer (using two or three light coats) over the filled area to disguise and seamlessly blend in the repair. The area should then be cut back lightly using 1200 grit wet and dry paper to remove any unevenness before applying polishing paste to achieve the desired sheen.

KO514 Foil Maintenance Lacquer - A quick drying clear lacquer to rejuvenate shine and protect the substrate. This lacquer is for exterior use on foiled surfaces. It is applied using the maintenance sponge for even application. The heavier the application the higher the sheen will be.

KO655 Polishing Paste - This product does not leave any residue and is ideal as a finishing product on UPVC to adjust the sheen level on repaired areas. Wrap the lint free cotton cloth around our KO420 felt pad, apply a small amount of the polishing paste and rub into the profile lengthways. The more pressure you apply, the higher the gloss finish will be.

QUICK GUIDE TO REPAIR WOOD GRAIN FOIL UPVC WINDOW PROFILE

1. Prepare

Remove high points/burrs with a sharp chisel and distort the scratch by scoring with a chisel in the direction of the grain. Remove any further burrs.

2. Fill

Fill damage with Ko141 Hardwax base and grain colours to match the foil. Blend colours together where appropriate.



3. Level

Remove excess wax and level using Ko161500 Special Applicator.

4. Touch-up

Using Ko406 Special Scraper or the Ko407 Brass Brush, score fine lines in the direction of grain in to the repaired area of hardwax. Fill these lines by rubbing Ko140 Softwax grain colour and remove excess using Ko161500 Special Applicator. Make final grain detail touch up using Ko240 Colour Touch Up.



5. Polish

Finally, apply the Ko514 Maintenance Lacquer with Sponge to protect the substrate and build a sheen level.



QUICK GUIDE TO REPAIR WHITE UPVC WINDOW PROFILE

1. Prepare

Distort scratch / small hole with a chisel and remove any high points and burrs with 1200 grit wet and dry.

2. Fill

Fill damage with Ko143 Hardwax Plus using specific colour to match the white profile being repaired.



3. Level

Remove excess wax and level using Ko161500 Special Applicator and Ko406 Special Scraper. Lightly sand using 1200 grit wet & dry.



4. Spray

Apply Ko396 PF Covering Lacquer to match white profile and allow 2-3 minutes to dry, repeat this stage approx 3 times allowing each coat to dry.



5. Cut Back

After final coat of Ko396 PF Covering Lacquer **is dry** cut back using 1200 grit wet & dry with water to remove any orange peel effect.

6. Polish

Once the orange peel effect is removed, polish, using Ko42210 Cotton Cloth wrapped around Ko420 Pad with Ko655 250 Polish paste.



QUICK GUIDE TO STRUCTURAL REPAIR

Introduction

Structural repairs differ slightly to cosmetic repairs because of the density of the area to be repaired. Due to the fact more material is missing from the damaged area we will use a specific two-part structural filler

WHITE UPVC PROFILE

1. Prepare

Firstly, remove any high points using a sharp chisel. It is also worth while using a 1200 grit wet and dry paper to ensure there are no other high points and everything is perfectly level.

2. Fill

When mixing the Rex-Lith structural filler, it is important it is mixed to a ratio of 10:1 (filler/hardener). Mix thoroughly for 1-2 minutes using the red applicator onto the palette. Once mixed, apply to the area ensuring damage has been overfilled. Allow a cure time of 10 minutes.



3. Level

Use the wet and dry abrasives to level off excess filler. Start with, 180 grit and progress gradually through to the 320 and 600 grit before finishing off with the 1200 grit. Always ensure you use copious amounts of water while sanding.



4. Spray

Once Levelled, the filled area will need to be colour matched to the rest of the profile. This is achieved by the application of our Konig 396 PF Covering Lacquers. Choose correct shade of profile matched white for the frame. Shake the Aerosol vigorously for approximately 1 minute to agitate the pigment and the propellants. Now apply the PF Covering lacquer, using three or four light coats (letting them dry in between) rather than one heavy coat.

5. Cut Back

You will notice that where we have sprayed the aerosol there is an 'orange peel effect', i.e. the surface is slightly uneven. This should now be cut back using the 1200 grit wet and dry paper. **This should be used, by applying very little pressure for approximately 30 seconds.** Dry the profile off and check it against the light. **If you apply too much pressure you will remove the lacquer.** If the surface is still slightly uneven, simply repeat the process until you are happy that the surface is level.

6. Polish

At this point the repaired area will be a matt finish. In this final step we need to polish and blend the repaired area to a sheen level matching that of the rest of the profile. Wrap the lint-free cotton cloth around the felt pad and spot a small amount of Konig Polishing Paste onto the cloth. Rub this into the profile lengthways. The more pressure you apply, the higher the gloss finish will be. We would again recommend that the area is polished in small amounts in several stages as an area too glossy will stand out as much as an area that is too dull.

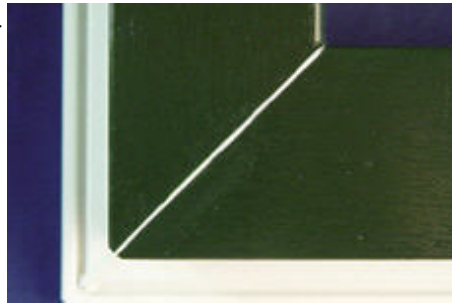
QUICK GUIDE TO MITRE JOINTS

COLOUR EDGING PEN PLUS

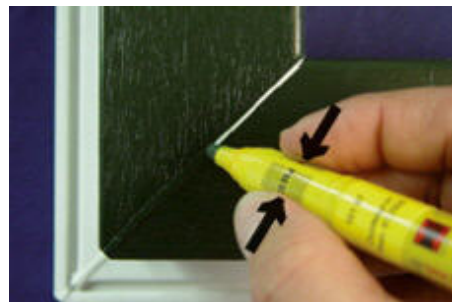
KO243 - The Colour Edging Pen Plus delivers the paint to the tip via a valve, which is activated by squeezing the barrel on application.

These new style pens also offer a choice of tips, which are stored in its base. There is a spare round end tip and a chisel edge tip for finer scratches or mitre joints, hence providing the customer with two different styles of tip in one pen. These pens are available colour matched to the popular renolit foils and composite door colours, some of which are listed below. For more information on availability on our extensive range of colour matches please contact us with your Renolit or Cova reference number.

1. Clean and degrease mitre groove.



2. Shake the foil matched colour edging pen well. Squeeze the barrel of the pen, near the tip, to ensure flow of colour through to the tip of the pen. Apply the colour to the groove in one application.



WINDOW FOILS WITH KONIG COLOUR REFERENCE

<u>Evergreen</u>	<u>Distinction</u>	<u>Doorstop Int'</u>	<u>Renolit</u>	<u>Konig Ref</u>	<u>Konig Colour</u>
Green	Green	Green		143907	Nan-ya Green
Blue	Blue			64307	Nan-ya Blue
		Blue		52609	Doorstop Blue
Red	Red	Red		97306	Nan-ya Red
Black	Black	Black		144007	Nan-ya Black
White	White			9016	Traffic White
		White		52709	Doorstop White
Oak				84707	Evergreen Oak
	Oak			70507	Distinction Oak
		Light Oak		72208	Rustic Cherry
Rosewood	Mahogany			84807	Evergreen Rosewood
		Darkwood		8016	Mahogany Brown
			8518 05-167	02984	Black Brown
			2178 001-167	118593	Cherry Base (green hue)
			2178 801-167	55497	Red - Cherry (red hue)
			3202 001-167	155001	Rosewood
			2065 021-167	33986	Mahogany Base
			2097 013-167	111896	Mahogany Grain
			5150 05-167	118596	Steel Blue
			6125 05-167	13187	Fir Green
			3081 05-167	62090	Ruby Red