

## Introduction

DEK-KING® by Wilks is the ultimate alternative to teak decking and can be easily fitted by the amateur and professional alike. Simply join the DEK-KING® strips together using the tongue and groove joint and Stelmax adhesive to create a continuous area of decking ready to be adhered to your deck.

The material used for DEK-KING® is of an outdoor grade PVC that is UV stabilized and contains a colour fast pigment and inbuilt graining effect that is totally convincing and will therefore retain its classic looks for many years. Combined with the integral dark caulking edge and the distinctive black DEK-KING® tongue, the result will look like a traditional craftsman laid deck.

## Profiles

A range of profiles are available, see our [products page](#) for detailed information. The profiles are finished with a non-slip surface and the underside has a 'Scotchbrite' finish allowing the adhesive to bond firmly with the DEK-KING® and deck. DEK-KING® can be fixed to almost any surface including GRP, Steel and Timber.

Extrusions are generally supplied in 2.25m lengths and 10m coils.

9 x 2.25m lengths will cover 1 square metre

1 x 10m coil will cover half a square metre

DEK-KING® weighs approximately 6kg per square metre.

## Adhesives

We supply two types of adhesive, Stelmax and Sealtack 750.

Stelmax adhesive is used to join the strips of DEK-KING® together and is supplied in a 135ml tube that will bond approximately 2 sq m of tongue and groove joint.

Sealtack 750 is a high tack MS-Polymer adhesive used to bond DEK-KING® to the required surface and has a shelf life of 15 months in unopened packaging. Sealtack 750 is supplied in 600ml Sausages that will bond approximately 0.6 sq m of DEK-KING®. The minimum working temperature is 10°C and will be tack free after approximately 4 hours, load bearing strength in 12-24 hours and full strength in 2-3 days.

We recommend that protective clothing, gloves and safety goggles are used when applying adhesives.

## Installation Guide

Tools required:

Craft Knife

Steel rule

Tape Measure

Masking Tape

Marker Pen

Adhesive Applicator gun

Adhesive Spreader

Extendable Roller

## Preparation

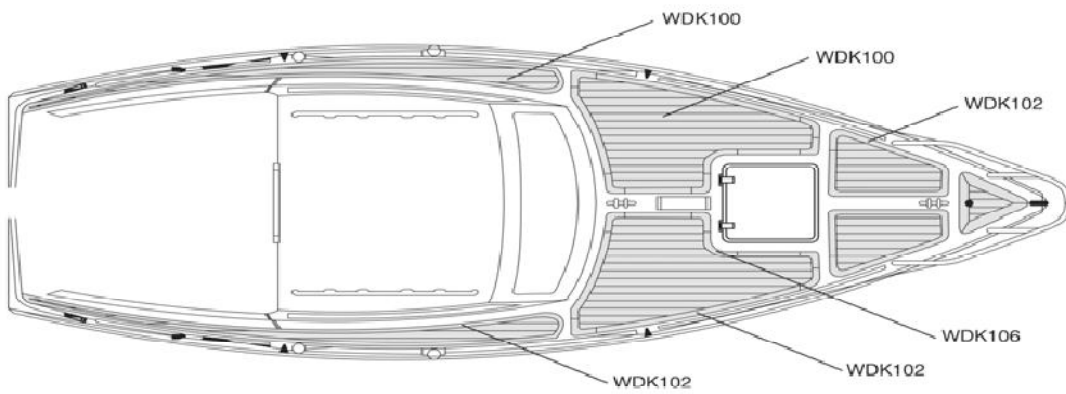
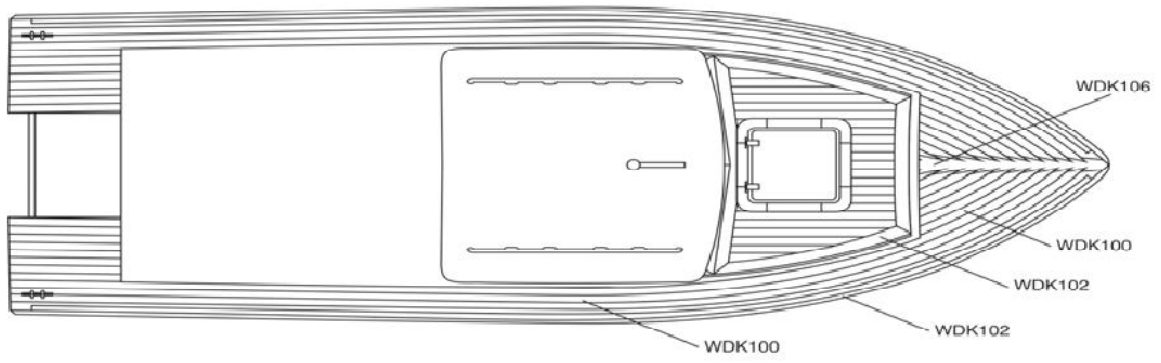
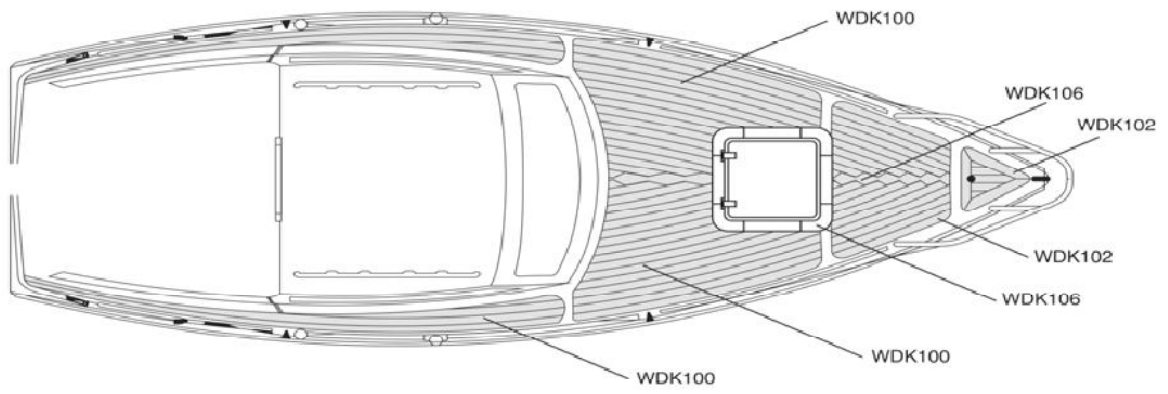
All surfaces should be made sound and be as flat as possible, any irregularity in deck levels should be filled and smoothed, as any difference in deck levels will show after laying the decking, after sanding ensure that all surfaces are dry and free from dust.

A working temperature of 10°C to 25°C is required. DEK-KING® should not be laid in wet or damp conditions as this will affect the adhesive bond.

## Fitting

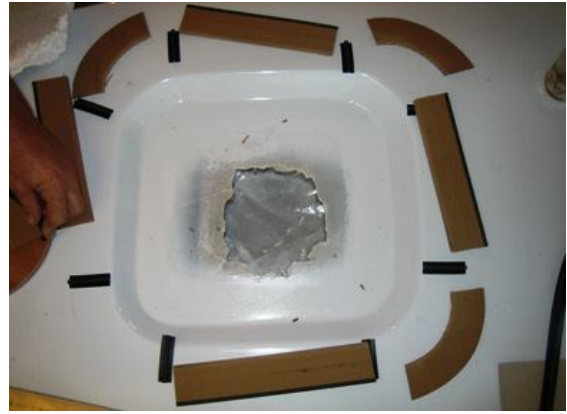
Margins and King Plank

Having decided on the type of margin you would like to use (WDK103, WDK102 or WDK100). You now have to cut and dry lay the margins including King Planks (WDK106), hatch corners and deck margins as shown below. A hot air gun may be used to help the DEK-KING® bend to follow the outer curve of the deck.



When the margin is dry laid scribe a line along the deck following the margin edge, tape this edge so that any excess adhesive is easily removed before the next operation, the same procedure applies for the King Plank.

Apply the adhesive, lay the DEK-KING® margin and King Plank removing the tape and excess adhesive.



### Filling in straight runs

Once the margins and King Plank have been laid the remainder of the DEK-KING® can be fitted. This can be achieved by joining lengths of DEK-KING® (WDK100 or WDK108) together to form a mat that can be laid in one operation. Each joined mat should be between 1 & 2 sq metres. Any larger than this will be difficult to adhere in one go.

For example the area below has been fitted in a total of 5 sections.



Margins adhered

Start at the centre of the area and work out towards the sides, creating as many sections as practical for adhering to the substrate. Join the planking together in the appropriate sections using Stelmax 1985. Allow to cure for an hour before rolling up ready for bonding to the deck.

Using an applicator gun, apply to the area below the mat being careful not to use too much, more can be added later if required. Using a spreader, apply evenly over the entire area ensuring a good coverage and aiming for approx 3 mm grooves at right angles to the run of the main plank area as this will ensure effective adhesion.



Infilled section – in 5 parts

Keep the DEK-KING® weighted after rolling – It is advisable to weigh down the mats tubs or containers filled with sand or water and using wood planking to spread the weight as required over larger areas.

Note. Be careful if using water – although the adhesive is moisture curing it is best left for a couple of days before getting really wet.

## Filling in swept runs

Once you have your inner and outer margins adhered you can begin on the infill using either WDK100 or WDK108. At this stage it is not recommended to adhere the king plank. This is because boats are often not exactly equal in width from side to side and you may discover that the true centre of the boat is different from the 'visual centre' required to create the perfect finish.



Run the first infill plank, tongue to outer perimeter margin groove, and cut it in as required around fittings or simply at each end. At the forward end cut the plank a couple of inches past the centre line as this will be finished later.



Once you have 'dry cut' the side decks you will need to decide how many sections you will be able to manage when adhering to the deck. Join the planking together in the appropriate sections using Stelmax 1985. Allow to cure for an hour before rolling up ready for adhesion to the substrate.

PIC Stelmax

## King Plank Fitting

This operation is done with the King Plank adhered to the deck and the adhesive set. Now that the side decks are adhered you will be able to take 'visual centre' from the run of the planks. Measure across the widest point, to the inside edge of the decking running through from the side decks. The prow of the boat will give you visual centre for the top of the king plank. Adhere the king plank to the deck and allow to cure for 2 hours.

The infill plank, WDK 100, needs to be marked where the top edge intersects with the King Plank ('A').

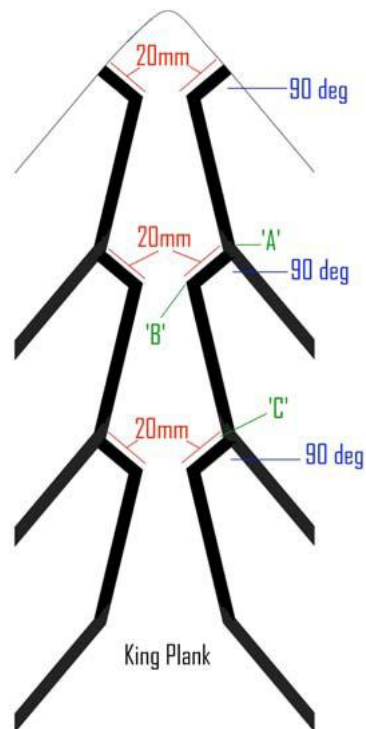
From this point measure 20mm at right angles in towards the centre of the infill plank ('B') and mark.

From this mark scribe a line to where the bottom edge of the infill plank intersects the King Plank ('C'), draw a line to connect 'A', 'B' and 'C', this will give the correct shape.

Before cutting, decide at this time if you wish to give the angles a radius for a stylish shape. Having cut the end to shape now draw the end shape onto the King Plank as a guide line.

You now have to measure 5mm from the guide line towards the centre of the King Plank, this will be the cutting line and should leave a 5mm gap between the end of the infill plank. Remove the section of King Plank with a Craft Knife and chisel for the part adhered

to the deck. The 5mm gap will eventually be filled with Sealtack 750 adhesive.



## Hatch Corner and Curved Corners

Fitting around hatch corners can be achieved by first taking a template of the corner to be cut (Fig 1).

Use this template to cut out the corner shape from the King Plank and then adhere the t-caulking to the inside edge of the corner (Fig 2 & 3)

Cut all corners from the King Plank and infills from the WDK 100 (you may have to remove the black tongue from the WDK 100). Cut the required length of 'T' Caulking (fig 4)

Join all components together using Stelmex (Fig 5).

Note that in figure 5 the base of the 'T' caulking has been mitred to help fit the bend of the corner.

Normal deck runs can then be laid in the normal way up to the hatch (Fig 6)



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

## **General Care and Maintenance**

Once your deck has been laid it will only require minimum maintenance. A general wash with soap and water will remove most stains. A power washer may also be used, an advantage over teak.

Should your DEK-KING® receive any surface damage this can be rectified by using a 40 Grit paper, sanding by hand in line with the grain. Large belt sanders are not recommended as they tend to be too industrious for the job, more effect results are achieved by sanding one plank at a time.

If a section of DEK-KING® is badly damaged it is possible to remove a section and replace with new DEK-KING®. For help with this please call 0845 812 1010

Do not use Acetone on the DEK-KING® product, as this could result in permanent damage. Be very careful if cleaning your decks with Acetone prior to adhesion.

Should you have a query with fitting or maintenance please contact us on 0845 812 1010 where a member of our staff will be available to offer some advice.