

**DESOFIL**

# A GUIDE FOR CALCULATING THE COST OF JOINERY REPAIRS

Using

THE DESOWOOD REPAIR SYSTEM

A Complete Window Repair System

February, 2026

# THE DESOWOOD REPAIR SYSTEM

## THE COMPANY

DESOFIL (U.K) Ltd – supplies a complete system of products and tools for repairing timber windows affected by wood decay. The Desowood Repair System offers a cost saving alternative to complete window replacement.

As part of the back up support, the company specialises in providing consultancy and advisory service to Architects, Building Surveyors and maintenance professionals in the public and private sector, involved in the repair, maintenance, and conservation of timber joinery. The company is committed and dedicated to helping professionals achieve timber repairs of high quality and durability.

The company's commitment to quality is further extended to providing free practical training to contractors on site and offer training courses and Technical seminars for contractors and specifiers.

The focus is on improving the life of existing windows at a more cost-effective price compared to the traditional methods.

## THE DESOWOOD RANGE OF PRODUCTS

The Desowood range of products has undergone extensive laboratory tests over many years of research and development.

**Desowood SAP-4H** – is a two part product for use as the first “Primer coat” before completing the repair with Desowood RAP-4H.

**Desowood RAP-4H** – is used in conjunction with Desowood SAP-4H for completing all the joinery repairs.

**Desowood DAP** – is an elastic glazing sealant recommended as a durable alternative to traditional linseed oil putty.

## TOOLS

DESOFIL (U.K) Ltd – supplies an extensive range of cutting and finishing tools and ancillary products to allow every type of repair required on timber windows and doors.

## MACHINES

Desowood grinding machine allows fast removal of decayed wood.

Desowood Sander is ideal for thorough initial surface preparation and fast sanding of repairs before finishing.

## SERVICES FOR CONTRACTORS & SPECIFIERS

- ❖ Project Advice
- ❖ Written specifications
- ❖ Training for contractors
- ❖ Comprehensive technical information
- ❖ Before and after care service
- ❖ Practical demonstrations
- ❖ Technical Seminars.

### For further information please contact:

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## A GUIDE FOR CALCULATING THE COST OF JOINERY REPAIRS USING THE DESOWOOD REPAIR SYSTEM

1. This Document should be read in conjunction with the following:

- ❖ 'A Guide to Specifying the Desowood Repair System'
- ❖ The Desowood brochure
- ❖ The Desowood Repair methods
- ❖ The Current Desofil Price List

### 2. SELECTING THE TYPE OF REPAIR

The type of Repair selected should be the one which is most economical. In general, repairs up to 400cc (cubic centimetres) should be carried out with Desowood SAP-4H / RAP-4H. Repairs in excess of 400cc (cubic centimetres) can be "Timber Splice" bedded on Desowood SAP-4H / RAP-4H.

In some instances repairs in excess of 400cc (cubic centimetres) can also be carried out with Desowood SAP-4H / RAP-4H, because of convenience or speed, e.g. a bottom rail of a Georgian type sliding sash.

### 3. FINALISING THE COST OF JOINERY REPAIRS

❖ Before finalising the price for joinery repairs, the following should be taken into account:

- ❖ The cost of access, e.g. scaffolding etc, and travel to (and from) site.
- ❖ The Local hourly rate for the Labour cost.
- ❖ Local price for new timber
- ❖ Cost of any fixings etc
- ❖ Any other costs

#### ❖ IMPORTANT:

❖ The rates outlined in this document DOES NOT include all other work on site including such things as moving ladders, trestles and boards, drying out the repair, moving from place to place on site, moving power supply from socket, going back to strip Perspex, sanding and cleaning up on completion.

Although, some provision for the cost of tools is included in the rates, the actual cost of the tools or the depreciation of the tools is not included.

The information in this document is for Guidance only and is given in good faith. DESOFIL (U.K) Ltd does not accept any responsibility or liability for the final cost of joinery repairs.

DESOFIL (U.K) Ltd reserves the right to change the price of the products without prior notice.

The users of this document are strongly advised to obtain the current price list before finalising the cost of joinery repairs.

# THE DESOWOOD REPAIR SYSTEM

## SUMMARY OF RATES FOR JOINERY REPAIRS (INCL. P MARGIN)

### Desofil Product Prices

|   |        |
|---|--------|
| Desowood SAP-4H -Surface adhesion promoter – the first primer coat – (per 200 ml set) | £29.10 |
| Desowood RAP-4H – Repair Resin (per 600 ml set)                                       | £65.55 |
| Desowood DAP – Durable alternative to putty – (per 310 ml tube)                       | £15.35 |

### Assumed Set Cost

|  |        |
|--|--------|
| Labour Cost per hour                         | £25.00 |
| Desofil Products – Desowood SAP-4H / RAP-4H  | -      |
| Profit margin                                | 10%    |
| Allowance for tools (% of total labour cost) | 0.50%  |
| Product Wastage                              | 5%     |

### TIME TAKEN FOR REPAIRS & TIMBER COST

| Type of Repair                  | Timber Cost | Average Repair Time (Minutes) |
|---------------------------------|-------------|-------------------------------|
| RWM C 50mm Conservation Joint   | -           | 5                             |
| RWM C 100 mm Conservation Joint | -           | 8                             |
| RWM C 200 mm Conservation Joint | -           | 10                            |
| RWM D 50 cc Resin only Repair   | -           | 20                            |
| RWM D 100 cc Resin only Repair  | -           | 30                            |
| RWM D 200 cc Resin only Repair  | -           | 40                            |
| RWM D 300 cc Resin only Repair  | -           | 50                            |
| RWM D 400 cc Resin only Repair  | -           | 60                            |
| RWM D 500 cc Resin only Repair  | -           | 70                            |
| RWM D 600 cc Resin only Repair  | -           | 80                            |

### Timber Splice Repairs

|                                       |        |    |
|---------------------------------------|--------|----|
| RWM E – T/ Splice 150 X 25 X 25mm     | £0.36  | 30 |
| RWM E - T/ Splice 150 X 38 X 38mm     | £0.70  | 35 |
| RWM E - T/ Splice 150 X 50 X 50mm     | £0.90  | 40 |
| RWM E - T/ Splice 150 X 75 X 25mm     | £1.38  | 45 |
| RWM E - T/ Splice 150 X75 X 75mm      | £2.09  | 50 |
| RWM F – Cill Front Renewal (per m)    | £17.32 | 60 |
| RWM F – Complete Cill Renewal (per m) | £20.75 | 60 |
| RWM F – Rail Renewal (per m)          | £5.19  | 60 |

### Renewal of putty with Desowood DAP

|  |       |
|--|-------|
| RWM I – Face Putties (per m)             | 15    |
| RWM L –Back Putties (per m)              | 10    |
| RWM J – Renewal of Glazing Beads (per m) | £1.54 |

### Sealing End Grain

|                           |   |
|---------------------------|---|
| RWM H – Sealing End Grain | 3 |
|---------------------------|---|

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# THE DESOWOOD REPAIR SYSTEM

## SUMMARY OF RATES FOR JOINERY REPAIRS (INCL. P MARGIN)

### Conservation Joints

| Repair                    | Price (each) |
|---------------------------|--------------|
| 50 mm Conservation Joint  | £3.09        |
| 100 mm Conservation Joint | £5.35        |
| 200 mm Conservation joint | £7.93        |

### Repair of decayed Wood with Desowood SAP-4H / RAP-4H

|                          |         |
|--------------------------|---------|
| 50 cc (cubic centimetre) | £15.97  |
| 100 cc                   | £27.38  |
| 200 cc                   | £45.57  |
| 300 cc                   | £63.78  |
| 400 cc                   | £81.97  |
| 500 cc                   | £100.19 |
| 600 cc                   | £118.37 |

### Timber Splice Repairs

|                            |        |
|----------------------------|--------|
| T / Splice 150 x 25 x 25mm | £25.53 |
| T / Splice 150 x 38 x 38mm | £31.55 |
| T / Splice 150 x 50 x 50mm | £38.77 |
| T / Splice 150 x 75 x 25mm | £39.79 |
| T / Splice 150 x 75 x 75mm | £55.79 |

### Cill Renewal

|                               |        |
|-------------------------------|--------|
| Cill Front Renewal (per m)    | £86.41 |
| Complete Cill Renewal (per m) | £92.36 |
| Rail Renewal (per m)          | £40.29 |

### Renewal of Putty with Desowood DAP

|                              |        |
|------------------------------|--------|
| Face Putties (per m)         | £11.48 |
| Back Putties (per m)         | £8.35  |
| Glazing Bead Renewal (per m) | £12.63 |

### Sealing End Grain

|                |       |
|----------------|-------|
| Seal End Grain | £3.38 |
|----------------|-------|

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# THE DESOWOOD REPAIR SYSTEM

## DESOWOOD REPAIR SYSTEM

### RATES FOR REPAIRS (FOR GUIDANCE ONLY) BASED ON TRADE – SIZE – 600 ML SET OF RESIN

#### **CONSERVATION JOINTS**

**Table A**

| Length of C/Joints in mm | Amount of D/W SAP-4H Required | Cost of D/W SAP-4H | Amount of D/W RAP-4H Required | Cost of D/W RAP-4H | Labour Time in Mins (average) | Hourly Rate | Cost of Labour | Total Cost of repair | 10% Profit Margin |
|--------------------------|-------------------------------|--------------------|-------------------------------|--------------------|-------------------------------|-------------|----------------|----------------------|-------------------|
| 50mm                     | 0.0025                        | 0.07               | 0.01                          | 0.66               | 5                             | 25.00       | 2.08.          | 2.81                 | 3.09              |
| 100mm                    | 0.005                         | 0.15               | 0.021                         | 1.38               | 8                             | 25.00       | 3.33           | 4.86                 | 5.35              |
| 200mm                    | 0.01                          | 0.29               | 0.042                         | 2.75               | 10                            | 25.00       | 4.17           | 7.21                 | 7.93              |

Allowed 5% wastage

10% Profit margin

0.5% of labour cost for tools

Cost of transport & access not included

### REPAIR OF DECAYED WOOD WITH DESOWOOD SAP-4H & DESOWOOD RAP-4H

#### BASED ON TRADE SIZE – 600 ML SET OF RESIN

**Table B**

| Size of Repairs in cm <sup>3</sup> | Amount of D/W SAP-4H Required | Cost of D/W SAP-4H | Amount of D/W RAP-4H Required | Cost of D/W RAP-4H | Labour Time in Mins (average) | Hourly Rate | Cost of Labour | Total Cost of Repair + 10% P. Margin |
|------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------|-------------------------------|-------------|----------------|--------------------------------------|
| 50cm <sup>3</sup>                  | 0.025                         | 0.73               | 1/12 set                      | 5.46               | 20                            | 25.00       | 8.33           | 15.97                                |
| 100cm <sup>3</sup>                 | 0.05                          | 1.46               | 1/6 set                       | 10.93              | 30                            | 25.00       | 12.50          | 27.38                                |
| 200cm <sup>3</sup>                 | 0.10                          | 2.91               | 1/3 set                       | 21.85              | 40                            | 25.00       | 16.67          | 45.57                                |
| 300cm <sup>3</sup>                 | 0.15                          | 4.37               | 1/2 set                       | 32.78              | 50                            | 25.00       | 20.83          | 63.78                                |
| 400cm <sup>3</sup>                 | 0.20                          | 5.82               | 2/3 set                       | 43.70              | 60                            | 25.00       | 25.00          | 81.97                                |
| 500cm <sup>3</sup>                 | 0.25                          | 7.28               | 5/6 set                       | 54.63              | 70                            | 25.00       | 29.17          | 100.19                               |
| 600cm <sup>3</sup>                 | 0.30                          | 8.73               | 1 set                         | 65.55              | 80                            | 25.00       | 33.33          | 118.37                               |

Allowed 5% wastage

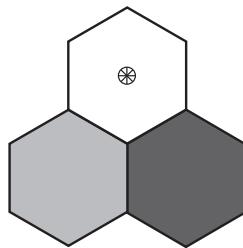
10% Profit margin

0.5% of labour cost for tools

Cost of transport & access not included

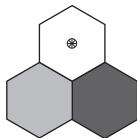
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A COMPLETE SYSTEM FOR JOINERY REPAIRS  
FOR REPAIR, MAINTENANCE AND CONSERVATION  
OF TIMBER JOINERY



Bringing Elastic Technology to the Surface of Wood Repair