

CONSERVATION OF SLIDING SASH AND CASEMENT WINDOWS IN LISTED & PERIOD BUILDINGS



THE DESOWOOD REPAIR SYSTEM IS DESIGNED TO SAVE THE ORIGINAL WINDOWS

The problems of Sash and Casement Windows

Putty

The break down of putty causes excessive moisture ingress.



Open Joints

In period buildings, the loss of adhesion at the construction joints results in the loss of structural strength of the joints. This problem is aggravated by ingress of moisture through the open joints and result in wood decay.



Wood Decay

Wood decay is caused by moisture ingress through the open joints, exposed end – grain, break down of paint at sharp arriss', break down of putty, and to a lesser extent from masonry at the adjoining surfaces.

Windows adversely affected by wood decay can be repaired using THE DESOWOOD REPAIR SYSTEM



End-grain

Moisture ingress through the end – grain can cause paint failure and decay of cills.



Sharp edges / Arriss'

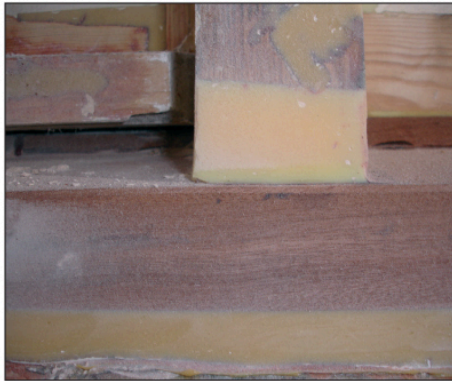
Sharp edges / Arriss' can cause early break down of paint and result in the decay of the cills.



**THE DESOWOOD REPAIR SYSTEM
ALLOWS THE PREVENTATIVE AND
CURATIVE REPAIRS OF EXISTING
WINDOWS TO PROVIDE LONG TERM
DURABILITY.**



EXAMPLES OF REPAIRS



EXAMPLES OF BEFORE AND AFTER REPAIRS



THE DESOWOOD REPAIR SYSTEM

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The Desowood Repair System is specially designed for the repair of external joinery affected by physical damage and wood decay. The complementary combined system of epoxy resins is formulated to provide the right balance of elasticity, adhesion, tensile strength, and flexural strength to achieve durable timber repairs.

Desowood repair system is based on two component epoxy resins which overcome many of the problems associated with conventional epoxies and polyester resins. The products are solvent free.

The Desowood repair system comprise of the following products:

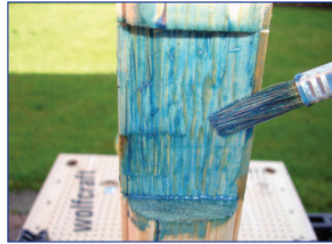
1. DESOWOOD SAP-4H – Surface Adhesion Promoter

A two component epoxy resin solution for use as the first 'primer' coat application before applying DESOWOOD RAP-4H

The DESOWOOD SAP-4H is a low viscosity penetrating resin designed to achieve optimum 'surface' wetting which helps to achieve maximum adhesion beyond the surface.



DESOWOOD SAP-4H,
mixing cup & brush.



Apply DESOWOOD SAP-4H
liberally.

*Check that the moisture content is below 18%

*Allow 15 minutes to penetrate. Remove any surplus
DESOWOOD SAP-4H with a dry brush.

2. DESOWOOD RAP-4H

The Product is designed for use in combination with DESOWOOD SAP-4H – surface adhesion promoter.

The DESOWOOD RAP-4H is applied 15 minutes after the application of DESOWOOD SAP-4H.

Dispensing DESOWOOD RAP-4H

The DESOWOOD RAP-4H is dispensed with a purpose designed double barrel dispensing gun for accurate control of composition.

Mixing DESOWOOD RAP-4H

DESOWOOD RAP-4H incorporates a mix colour control to ensure that the two components are correctly mixed.

Check that the moisture content is below 18% before the application of DESOWOOD RAP-4H.



DESOWOOD RAP-4H.



Dispensing DESOWOOD
RAP-4H.



Mix the quantity of
DESOWOOD RAP-4H
required.



Thoroughly mix DESOWOOD
RAP-4H.



Mix until an even
homogeneous colour is
achieved.

DESOWOOD RAP is highly Elastic



Cured sample of
DESOWOOD RAP-4H

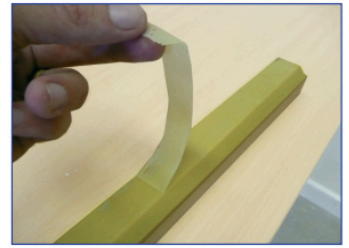
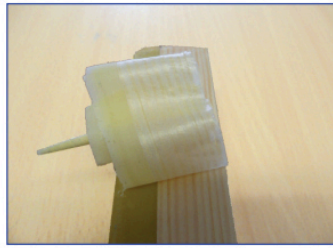


DESOWOOD RAP-4H is
highly elastic.

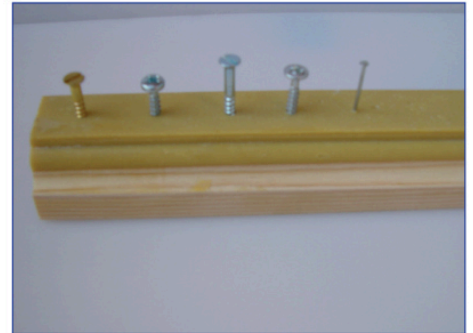
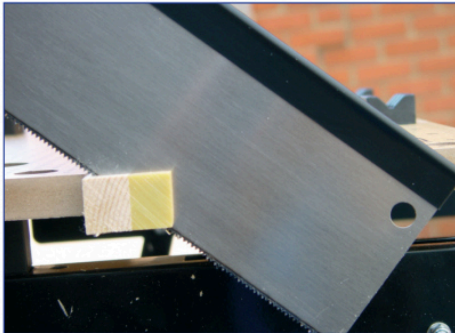
**'The Characteristics of
DESOWOOD RAP-4H
is just like wood'**

THE DESOWOOD REPAIR SYSTEM

DESOWOOD RAP-4H Planes just like Wood



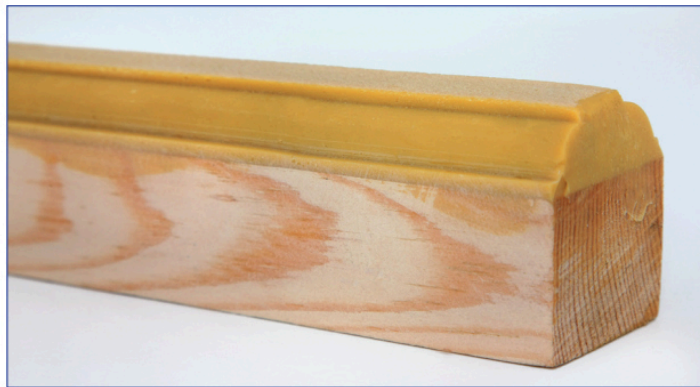
DESOWOOD RAP-4H can be sawn, drilled, nailed and screwed like wood



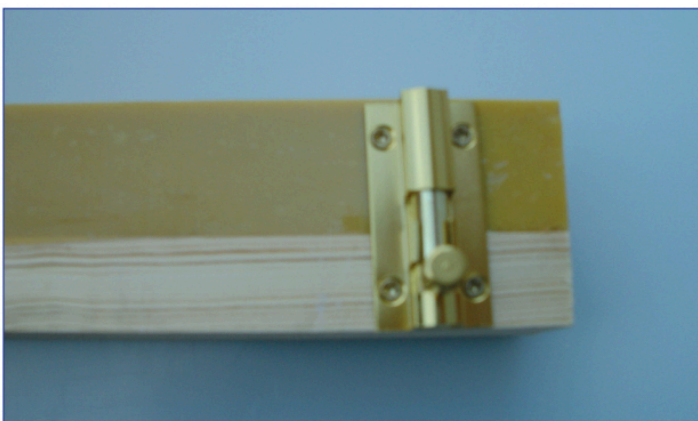
DESOWOOD RAP-4H provides excellent adhesion to wood



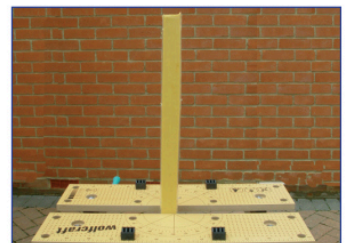
DESOWOOD RAP-4H can be machined just like wood



DESOWOOD RAP-4H can take any type of fixings



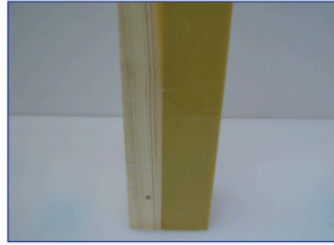
DESOWOOD RAP-4H has excellent slump (or sag) resistance.



THE DESOWOOD REPAIR SYSTEM

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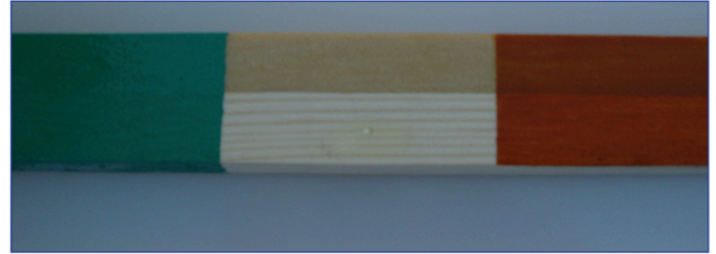
You can match any timber profile – sharp edge or mouldings with **DESOWOOD RAP-4H**



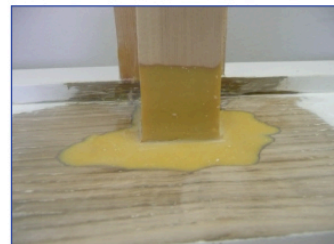
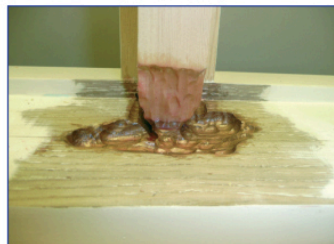
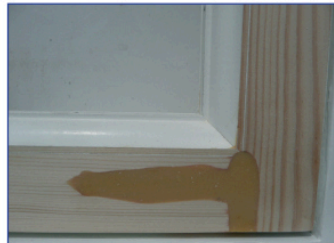
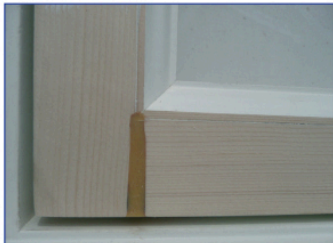
DESOWOOD RAP-4H has good impact resistance



DESOWOOD RAP-4H can be painted with all type of solvent and water based decorative paints and wood stains.



Practical application of **DESOWOOD RAP-4H**



DESOWOOD DAP

A durable alternative to linseed oil putty

The **DESOWOOD DAP** is an elastic glazing sealant which can be used for puttied timber and metal windows, bead glazed windows, double glazed sealed units, and perimeter sealing.

DESOWOOD DAP is paintable with opaque and translucent wood finishes and is extremely effective against moisture ingress.

